

Pepaid™ EA Series — Animal-Derived Enzymatic Polypeptides

Enzymatically hydrolyzed animal protein peptides in three molecular-weight ranges for soil nutrition, root establishment and abiotic-stress programs.

Source Animal-derived	Formats Powder	Models EA80 / EA80-LMW / EA80-uLMW
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Product Information

Enzymatically hydrolyzed animal protein peptides in three molecular-weight ranges for soil nutrition, root establishment and abiotic-stress programs.

Specifications

Parameter	Specification
EA80 — Source / form	Animal protein (meat proteins); Powder
EA80 — Appearance	Yellow or brownish yellow powder
EA80 — Solubility	Transparent in 5% aqueous solution
EA80 — pH	4–7
EA80 — Total nitrogen	≥13.0%
EA80 — α-amino nitrogen	≥1.0%
EA80 — Ash	≤10%
EA80 — Average molecular weight	6,000–7,000 Da
EA80 — Moisture	≤10%
EA80 — Heavy metals	≤20 ppm
EA80-LMW — Source / form	Animal protein (meat proteins); Powder
EA80-LMW — Appearance	Yellow or brownish yellow powder
EA80-LMW — Solubility	Transparent in 5% aqueous solution
EA80-LMW — pH	4–7
EA80-LMW — Total nitrogen	≥13.5%
EA80-LMW — α-amino nitrogen	≥2.0%
EA80-LMW — Free amino acids	≥10%
EA80-LMW — Ash	≤7%
EA80-LMW — Average molecular weight	700–900 Da
EA80-LMW — Moisture	≤10%
EA80-LMW — Heavy metals	≤20 ppm
EA80-uLMW — Source / form	Animal protein (meat proteins); Powder
EA80-uLMW — Appearance	Yellow or brownish yellow powder
EA80-uLMW — Solubility	Transparent in 5% aqueous solution
EA80-uLMW — pH	4–7
EA80-uLMW — Total nitrogen	≥13.5%
EA80-uLMW — α-amino nitrogen	≥4.0%
EA80-uLMW — Free amino acids	≥20%
EA80-uLMW — Ash	≤7%
EA80-uLMW — Average molecular weight	500–700 Da
EA80-uLMW — Moisture	≤10%
EA80-uLMW — Heavy metals	≤20 ppm

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

Applications

EA80: Base fertilizer, soil conditioning and root-zone nutrition.

EA80-LMW: Early root establishment, transplant recovery and pre-stress conditioning.

EA80-uLMW: Seedling resilience and crop recovery following abiotic stress.

Packaging / Storage

Item	Information
EA80	20 kg bag; shelf life 2 years in sealed original packaging.
EA80-LMW	20 kg bag; shelf life 1 year in sealed original packaging.
EA80-uLMW	20 kg bag; shelf life 1 year 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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