ENZYME BIOSCIENCE

TECHNICAL DATA SHEET
TDS-FEE-032 · Issued October 2026

Alkaline Protease

Feed Enzymes

PRODUCT DESCRIPTION

Alkaline Protease breaks down proteins in animal feed, releasing essential amino acids that are necessary for growth and maintenance.

Its activity in an alkaline environment makes it suitable for various feed recipes, ensuring better digestibility and performance.

KEY FUNCTIONS

- Hydrolyzes proteins to release essential amino acids in feed.

TYPICAL APPLICATIONS

Poultry · Swine · Cattle & dairy · Aquaculture · Pet food · Premixes

HANDLING & DOSAGE

Optimum dosage depends on substrate, process conditions (pH, temperature, time) and the desired result. We recommend lab or pilot trials; our application team can suggest a starting dose. Handle as an enzyme/biological preparation: avoid dust formation and inhalation, and wear gloves and eye protection.

SPECIFICATION

Product	**Alkaline Protease**
Product range	**Feed Enzymes**
Enzyme activity	**Specified per grade — on request**
Physical form	**Liquid & powder**
Packaging	**25 / 50 kg HDPE drums or retail pouches**
Storage	**Cool, dry place in tightly closed original containers, away from direct sunlight**
Documents	**Certificate of Analysis (CoA) on request**

MANUFACTURING & QUALITY

Manufactured by Enzyme Bioscience in an FDA-registered, GMP and ISO 9001:2015 certified facility in Surat, India, with in-house R&D and QC laboratories.

GMP · ISO 9001:2015 · FDA registered

The information in this data sheet describes typical properties and is given in good faith; it does not constitute a specification or warranty for a particular use. Users should confirm suitability for their own process and comply with applicable regulations. Batch-specific values are stated on the Certificate of Analysis.

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