

Trypsin USP/BP

Pharmaceutical Enzymes

PRODUCT DESCRIPTION

Trypsin USP/BP is a serine protease obtained from pancreatic tissue. It hydrolyses proteins by cleaving peptide bonds on the carboxyl side of lysine and arginine residues.

Supplied to USP and BP specifications, it is used in oral and topical enzyme formulations, often in combination with chymotrypsin, as an ingredient in approved medicinal products where permitted.

KEY FUNCTIONS

- Serine protease specific for lysine and arginine bonds.
- Supplied to USP and BP grade.
- Used in oral and topical enzyme formulations.

TYPICAL APPLICATIONS

Digestive enzyme formulations

Anti-inflammatory formulations

Wound-care preparations

Enzyme-replacement formulations

Mucolytic preparations

Nutraceuticals

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	Trypsin USP/BP
Product range	Pharmaceutical Enzymes
Enzyme activity	Specified per grade — on request
Pharmacopoeia grade	USP · BP
Physical form	Powder; other formats on request
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.