

Bromelain

Pharmaceutical Enzymes

PRODUCT DESCRIPTION

Bromelain is a group of cysteine proteases extracted from pineapple (*Ananas comosus*) that hydrolyses proteins into peptides and amino acids.

It is used in digestive enzyme formulations and dietary supplements, and in formulations for its anti-inflammatory action in approved medicines where permitted.

It is typically formulated into tablets and capsules, alone or combined with other enzymes.

KEY FUNCTIONS

- Cysteine protease complex from pineapple.
- Used in digestive and oral enzyme formulations.
- Suitable for tablet and capsule dosage forms.

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	Bromelain
Product range	Pharmaceutical Enzymes
Enzyme activity	Specified per grade — on request
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.