

# Lactobacillus Pentosus

⌘ Probiotics

· 10-100 billion CFU/g

## PRODUCT DESCRIPTION

Lactobacillus pentosus is a plant-associated lactic acid bacterium used in the fermentation of vegetables and other plant-based foods.

It ferments a wide range of plant sugars, including pentoses, and is used in dietary supplements and functional foods intended to support digestive health and gut microbiota balance.

## KEY FUNCTIONS

- Probiotic for supplements and plant-based fermentation.

## TYPICAL APPLICATIONS

Dietary supplements

Functional foods &amp; beverages

Infant &amp; women's health

Animal &amp; aqua health

Silage inoculants

Custom synbiotic blends

## 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       | Lactobacillus Pentosus                                                           |
| Product range | Probiotics                                                                       |
| Potency       | 10-100 billion CFU/g                                                             |
| 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  
9001:2015FDA  
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.