

BC Pepsin 1:3000 - P389P



- High performance acid proteinase
- Fully functional at gastric pH
- Concentrated & standardised
- Preparation for tableting
- Available in a variety of strengths

Pepsin is an enzyme naturally secreted by the lining of the stomach. This enzyme functions at the low pHs encountered in the stomach to start the process of digestion of dietary proteins.

BC Pepsin 1:3000 is a porcine pepsin that can be taken orally to supplement endogenous pepsin and aid the digestion of proteins.

BC Pepsin is available at various strengths. According to the specifications provided by the National Formulary Pepsin 1:3000 must digest not less than 3000 and not more than 3500 times its own weight of coagulated egg albumin.

At Biocatalysts Ltd the activity is determined by digestion of casein and compared to a USP reference standard.

SPECIFICATION

Activity	3,000 pepsin u/mg (FCC equivalent)
Biological Source	<i>Porcine gastric mucosa</i>
Form	Off white powder
Working pH	3.0 - 4.0
Temperature range	45 - 50°C

sheet no: 001/2

issue date: 18:12:09



APPLICATION & DOSAGE

Typically between 30 and 60 mg per tablet.
3000 pepsin u/mg (FCC equivalent)= 1:3000 NF Pepsin.

HEALTH AND SAFETY

Always read the Health and Safety sheet (MSDS) before use and retain. If you are in any doubt about recommended product handling and safety, please contact Biocatalysts before use. Generally, when using enzymes avoid contact with the skin and eyes and do not breathe dusts or aerosols containing them.

STORAGE

Activity will remain above the minimum analysis specification for at least 12 months from the date of the Batch Certificate of Analysis, when stored below 20°C and for 24 months when stored below 8°C.

ALLERGENS

Lactose is used as a diluent.

FOOD STATUS

Prepared from enzymes of GRAS status and manufactured to JECFA/WHO/FAO/FCC recommended specifications for enzymes used in food processing.

QUALITY

1. Food Safety Policy

The company operates a Hazard Analysis at Critical Control Points (HACCP) system. This ensures that ingredients and the production environment are regularly monitored for contamination and that the processes are designed to produce safe products every time.

2. Good Manufacturing Practice (GMP)

The company's integrated management system encompasses Total Quality, Health and Safety, Food Safety and GMP.

3. ISO9001

Biocatalysts Ltd is certified to BS ISO9001: 2000. Regular Audits are carried out by the British Standards Institute (BSI) to ensure continuing compliance with the standard.

AVAILABILITY

Powders: standard 25kg nett poly-lined fibre kegs.
Non-standard quantities of 1kg and 5kg are also available for some products, please enquire.

The production micro-organism used in this product is not a GMO. Within the proposed guidelines of the European Union regarding Genetically Modified products, the above product would be classed as GMO free.

