

Cellulase CP - C013P



- Complete cellulose digestion
- High beta glucosidase activity
- Aids digestion of dietary cellulose
- Contains glucanase and hemicellulase

Cellulase CP is a highly active food grade product derived from the species *Trichoderma*. The product has an excellent activity against natural cellulose as well as synthetic substances such as carboxy methyl cellulose (CMC).

Cellulase CP contains additional side activities of cellobiase, beta glucosidase and beta glucanase which provide the capability for complete cellulose breakdown.

Cellulase CP is a technically advanced cellulase preparation useful as an aid for digestion of dietary cellulose and in the preparation of low calorie bulking agents for inclusion in slimming foods.

S P E C I F I C A T I O N

Activity	3,000 Cellulase units/gram
Biological Source	<i>Trichoderma sp</i>
Form	White to off-white powder
Working pH	3.5 - 5.5
Temperature range	50 - 70°C

sheet no: 001/2

issue date: 06:09:02



APPLICATION & DOSAGE

In dietetic preparations Cellulase CP should be used at a rate of 10 - 50 mg per capsule or tablet.

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 6 months from the date of the Batch Certificate of Analysis, when stored below 20°C and for 12 months when stored below 8°C.

ALLERGENS

Lactose is used as a diluent.

FOOD STATUS

Prepared from enzymes of GRAS status and manufactured to FCC/JECFA/WHO/FAO recommendations 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. British Standards Institute (BSI) to ensure continuing compliance with the standard.

AVAILABILITY

Standard 25kg nett poly-lined fibre kegs. Quantities of 5kg may also be available 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.

