

## Depol™ 333MDP-D333MDP



- Digests soluble & insoluble pentosans
- Potent hemicellulase
- Standardised xylanase activity
- Active at stomach pH
- Capsulation or tableting

Depol™ 333MDP is a highly active pentosanase/hemicellulase. The main activity is xylanase. It can be used in dietetic applications where a potent powder is required.

Depol™ 333MDP is active over the range of pH values encountered in the stomach. It is supplied as a powder standardised on xylanase activity for convenient tableting or capsulation.

### SPECIFICATION

Activity	11,000 Xylanase units/gram
Biological Source	<i>Trichoderma reesei</i>
Form	Off-white powder
Working pH	4.0 - 6.0
Temperature range	50 - 60°C

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## APPLICATION & DOSAGE

Typically Depol™ 333MDP should be used at a dose rate of 10 - 100 mg per tablet or capsule depending on the exact application.

### 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

Wheat protein hydrolysate is used as a fermentation substrate. Its presence is negligible in the end product. Maltodextrin 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. 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. 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.

