

Depol™ 371P - D371P



- Digests dietary maltose
- Suitable for vegetarians
- Standardised for convenient capsulation or tableting

Maltose is the primary sugar produced from the starch in cereal grains and maize upon germination. This sugar is widely used in foods and beverages for characteristic sweetness and flavour.

Assimilation of maltose requires the enzyme maltase to break maltose into simpler sugars.

Depol™ 371P is produced by *Aspergillus niger*, a micro-organism with a long history of safe use in foods.

It is supplied as a powder with a standardised activity convenient for tableting or capsulation.

SPECIFICATION

Activity	240 amyloglucosidase units/gram
Biological Source	<i>Aspergillus niger</i>
Form	Off-white powder
Working pH	4.0 - 6.0
Temperature range	60°C

sheet no: 001/2

issue date: 01:05:02



APPLICATION & DOSAGE

Typically between 50 and 100 mg of Depol™ 371P per tablet or capsule.

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 6 months when stored below 8°C.

ALLERGENS

Allergen information pending on this product.

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. 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.

