

Depol[®] 761P

D761P

Features/Benefits

- Increase release of soluble fibre
- Low exo-activity means that fibre is not degraded to sugars
- Suitable for production of low glycaemic index products

Depol[®] 761P is a specialised enzyme ideal for use in soluble fibre extraction. This enzyme is particularly suited for use on wheat bran, and applications where a GMO derived enzyme is preferred. The product is quite potent and so a low dose is required in most applications. This enzyme is supplied as a non - dusting powder.

The main benefit of Depol[®] 761P is the absence of any detectable side activities. This significantly reduces the possibility that the fibre will be broken down to sugars and not soluble fibre. Laboratory trials have shown that use of Depol[®] 761P increases the amount of available soluble fibre by 46% (wheat bran used as substrate).

Specification

Activity	880 U/g Xylanase
Biological Source	<i>Bacillus subtilis</i>
Form	Off white to brown powder
Optimum pH Range	5.5 - 6.5
Optimum Temperature Range	45 - 55°C

Application & Dose

As a guide **Depol[®] 761P** should be used at approximately 1-2% based on weight of substrate. It is suggested that trials be carried out at pH 7 for 16-24 hours at 55°C. This dosing information is only indicative. Precise data can only be obtained through practical testing and trials. Biocatalysts will be happy to provide further suggestions and comment on the use of this enzyme.

Health & Safety

Always read the Material Safety Datasheet (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

Powders: Activity will remain within specification for at least 12 months from the date of manufacture when stored below 20°C.

Allergens

Refer to allergen statement

Food Status

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

GM Status

This product does not contain GMMs or genetically modified material.

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. Biocatalysts Ltd is certified to ISO9001, ISO14001, ISO18001 and FSSC 22000

Availability

Powders: standard 25kg net poly-lined, 100% recyclable cardboard box. Non-standard quantities are also available for some products, please enquire.