

Lactase 17MDP

L017MDP

Features/Benefits

- Effective in the management of Lactose Intolerance
- Standardised activity for convenient formulation
- Suitable for tableting or capsulation

Lactose is the primary sugar found in milk. Digestion of lactose requires the enzyme lactase, produced in the small intestine, which breaks lactose into simpler sugars. Lactose intolerance is the inability to properly digest lactose. Symptoms of Lactose intolerance include abdominal bloating, gaseousness, flatulence, cramping, and diarrhoea following consumption of Dairy products.

Lactase 17MDP can be used in dietetic preparations for people that suffer from Lactose intolerance. This product is standardised on Maltodextrin but is also available on Di - Calcium Phosphate - Lactase 17P.

Specification

Activity	65,000 Biocatalysts' Lactase U/g
Biological Source	<i>Aspergillus sp.</i>
Form	White to off-white powder
Optimum pH Range	4.5 - 5.5
Optimum Temperature Range	50 - 60°C

Application & Dose

Typically, between 50 and 100mg of **Lactase 17MDP** per tablet or capsule.

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. MSDSs are available in other languages. Please contact Customer Services.

Storage

Powders: Activity will remain within specification for at least 12 months from the date of manufacture when stored at 0 - 20°C.

Allergens

Refer to allergen statement.

Food Status

Material complies with the JECFA/FAO/WHO and FCC recommended specifications for enzymes used in food processing.

GM Status

This product does not contain GMMs or genetically modified material.

Quality & Food Safety

Biocatalysts operates a preventative risk-based Food Safety System that ensures the environment and processes are designed to produce safe products every time. FSSC22000 and FSMA compliant.

Compliance - The Company's integrated management system encompasses Quality, Food Safety, Health and Safety and GMP.

Certificates are available on request from the Customer Services Department.

Availability

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