

Celluclast[®] 1.5 L

Valid From 2009-03-09

Product Characteristics:

Declared Enzyme	Cellulase
Declared Activity	700 EGU/g
Colour	Brown Colour can vary from batch to batch. Colour intensity is not an indication of enzyme activity.
Physical form	Liquid
Approximate Density (g/ml)	1.22
Stabilisers	Sodium chloride Sorbitol
Preservatives	Potassium sorbate
Odour	Slight fermentation odour
Production organism	Trichoderma reesei
Production Method	Produced by submerged fermentation of a micro organism. The enzyme protein is separated and purified from the production organism.

Product Specification:

	Lower Limit	Upper Limit	Unit
Beta-glucanase Units EGU	700		/g
Total Viable Count	-	50000	/g
Coliform Bacteria	-	30	/g
Enteropathogenic E.Coli	Not Detected		/25 g
Salmonella	Not Detected		/25 g

Packaging:

See the standard packaging list for more information.

Recommended Storage:

Best before

When stored as recommended, the product is best used within 18 months from date of delivery.

Storage at customer's warehouse

0-25°C (32°F-77°F)

Storage Conditions

In unbroken packaging - dry and protected from the sun. The product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperature or higher humidity may lead to a higher dosage requirement.

Safety and Handling Precautions

Enzymes are proteins. Inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals. Some enzymes may irritate the skin, eyes and mucous membranes upon prolonged contact. The product may create easily inhaled aerosols if splashed or vigorously stirred. Spilled product may dry out and create dust. Spilled material should be flushed away with water. Avoid splashing. Left over material may dry out and create dust. Wear suitable protective clothing, gloves and eye/face protection as prescribed on the warning label. Wash contaminated clothes. A Material Safety Data Sheet is supplied with all products. See the Safety Manual for further information regarding how to handle the product safely.