

**Name of product** Cellulase

## Description of Product

Cellulase is a group of enzymes that degrade the plant polysaccharide called cellulose, a structural component of plant cell walls. It is composed of multiple ingredients and can degrade cellulose in fibers to create simple sugars efficiently, thus improving the utilization of raw ingredients. It is widely used in manufacture of feed, textile, fuel ethanol, alcohol, Chinese medicine extraction, food, fruit juice-processing, etc.

## Standard (dry basis unless otherwise specified)

1. **Standard** (dry basis unless otherwise specified).
  - A) Color Off-yellow
  - B) Moisture 10% Maximum
  - C) Cellulase activity 20,000 U/g Minimum
  - D) Disintegrate time (37°C) 10 min Maximum
2. **Packaging** 25 kg net weight/bag
3. **Shelf-life** 12 months from date of manufacture
4. **Address** No 26, Yiwu Road, Economic Development Zone, Shuyang County, Jiangsu, China.  
Tel: +86-527-89985999  
Fax: +86-527-89985912

## Definition of Activity

One unit of cellulase activity (IU) is defined as the amount of enzyme which liberates 1 $\mu$ mol reducing sugar from 5mg/ml Sodium carboxymethyl cellulose solution in one minute at 50°C and at pH 4.8 under the conditions of the test.

## Applications

100 – 200 g/T

## Precaution

If there is remainder after opened, sealed store is necessary, avoid mixture; Keep away from isolation and drench, mix-transportation with poisonous substance is forbidden; Stored in dry, ventilated and cool place.