

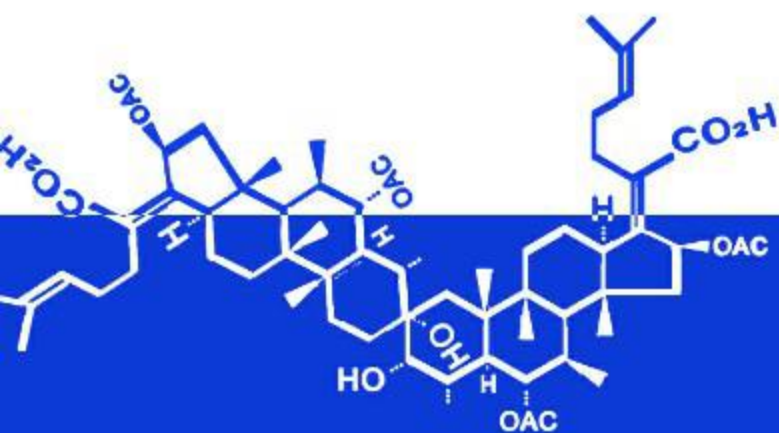
BestHemicell

Description

BestHemicell (β -mannanase) is a feed hemicellulase fermented by the improved strains using a liquid fermentation technique, and produced by an advanced post-treatment technique. It has properties of high activity and good quality.

Specification

Name	BestHemicell	Activity	50000U/g
Strain	Aspergillus niger	EC code	3.2.1.78
Form	Powder	Carrier	Starch
Color	White or Light yellow	Loss on drying	$\leq 10\%$
Working T	30°C-80°C	Optimum T	70°C
Working pH	2.0-7.0	Optimum pH	3.0
Particle size	80% pass 40 mesh		
Package	25kg /bag		
Storage	Stored 12 months under cover in cool and dry conditions		
Caution	Avoid direct sunlight and high temperature		





Functions

- ① Degrade mannan in feedstuff, like soybean, palm kernel, copra, etc.
- ② Eliminate anti-nutritional factors in feed and promote nutrient substance digestion and absorption. Improve the value of feed and lower the cost.
- ③ Improve the digestibility of the nutrients, release nutrients in the cell, and degrade the complex of mannan and protein and polysaccharide to enhance the absorption of nutrient.
- ④ Enhance animal's health. Degrade mannan to mannose, which can significantly promote the proliferation of profitable bacteria represented by bifidobacterium in animal intestine, increase animal's immunity and reduce the mortality rate of animal.

Definition of content

One unit of mannanase activity is defined as the amount of enzyme which liberates 1 micromole of reducing sugar per minute from 3 mg/mL of mannan at pH 5.5 and 37°C.

Dosage

Recommended dosage is 100-150g/t with 10000U/g in complete feed.