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## PRODUCT SPECIFICATIONS SHEET

### Beta Mannanase 1.0

**Description:** Beta-Mannanase is made from a refined strain of *Trichoderma reesei* through liquid fermentation and extraction technology. This product is a sub category of hemi-cellulase, which can break the beta-1, 4 glycosidic bonds of mannan into mannan oligosaccharides. The substrates are  $\beta$  mannan, galactomannan and galactose.

**Functions & Benefits:** Reducing digesta viscosity and reduce fecal water content. Improve the utilization of protein, fat and carbohydrate by degrading plant cell wall structures. Enzymes balance micro flora in the gut and improves gut health.

**Recommended Usage:** Use 25g per ton of complete feedstuffs or in formulations of other enzymes or ingredients. Dilute the concentrated enzyme before use.

**Appearance:** Off-white, powder, microbial fermentation odor

**Storage Conditions:** Store in a cool dry area in closed original container. Keep from freezing. Protect against physical damage. Keep away from heat and flame. Product retains > 90% activity after 12 months stored at room temperature.

**Danger:** May cause allergy or asthma or breathing difficulties if inhaled. Avoid breathing dust/fume/gas/mist/vapors/spray. In case of inadequate ventilation, wear respiratory protection. Consult safety data sheet before handling and storing this product.

**Package Sizes:** Product is double bagged in double walled 12x12x15 boxes containing 50lbs./25Kg

For more detailed product information please contact us.

This feed is produced in a facility certified in the AFIA's Safe Feed/Safe Food Certification Program  
[www.safefeedsafefood.org](http://www.safefeedsafefood.org)

MADE IN USA

