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PRODUCT SPECIFICATIONS SHEET

Xylanase Product Series

Description: Xylanase is an enzyme which is derived from a fungal source. This enzyme is useful in hydrolyzing D-xylan to D-Xylose. Hemicellulose, which is composed of Xylans, is a primary component of most plant cell walls. Xylanase will hydrolyze this component and is thus useful for a variety of applications including the viscosity reduction of wheat, barley, corncobs and other hard to digest foods tuffs. Xylanase is available in either a granular or liquid enzyme preparation designed for a wide variety of native fiber solubilization applications. This product has a wide pH spectrum of activity and does not require acidic pH adjustment for optimal activity. Xylanase Powder is a non-GMO, nonhazardous product.

Purpose: As a concentrated source of cellulose degrading enzymes for use as an animal feed additive, in industrial applications, sanitary applications such as waste paper degradation and as in a variety of textile processing applications. Other applications include detergents, pre-spotters and industrial cleaning compounds. This product is currently being used in Biobleaching applications for wood pulp in papermills to reduce AOX emissions.

Activity:	Xylanase Powder	900 XU/gram
	Xylanase 20,000 Powder	20,000 XU/gram
	Xylanase Liquid	34,000 XU/gram
	Xylanase Concentrate	41,000 XU/gram

Unit Definition: One xylanase unit (XU) is defined as the amount of enzyme which liberates 1 μ mol of xylose per minute under the conditions of the assay (pH 5.3 and 50°C).

pH optimum: 3.5, activity range 2.0 – 7.0

Storage Conditions: For optimal activity store in cool dry place under 100°F. Standard shelf life under these conditions is 2 years.

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: Powder - 25 kg. and 50 lb. boxes
Liquid – 5 gallon pail and 55 gallon drum

This feed is produced in a facility certified in the AFIA's Safe Feed/Safe Food Certification Program www.safefeedsafefood.org



MADE IN USA