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PRODUCT SPECIFICATIONS SHEET

Phytase 100,000

Description: Phytase 100,000 is designed to be used in a variety of feed, aquaculture and waste treatment applications. Phytase is a feed grade component used to digest phytic acid into components including ortho-phosphate and inositol. It is also useful in a variety of industrial processes and waste treatment applications.

Purpose: Phytase 100,000 is recommended to be added in feed not being pelleted because of the labile nature of the product above 70°C. Research is continuing on a heat stable version. Based on research in the literature, the product should work best when added 500-1,000 grams per metric tonne of finished feed to standard corn/soy rations. Levels with other feedstuffs should be determined experimentally. These recommendations should be used as a guideline to develop a feeding program using Phytase. The product can be mixed with a variety of other digestive feed enzymes to produce a custom formulated product. These include cellulase, Mannanase, xylanase or hemi-cellulase. This also can be included into our COMBO Enzyme Blend product to provide a full spectrum feeding solution at an economical price.

Activity: 100,000 FTU/g

Unit Definition: One unit of enzyme activity (FTU Unit) is defined as that quantity of a standard phytase preparation that liberates the equivalent of 1µmol of phytic acid per minute from sodium phytate and pH 5.5 and at 37 °C.

Storage Conditions: For optimal activity store in cool dry place under 80°F. Standard shelf life under these conditions is 12 months.

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: 25 kg. and 50 lb. boxes

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



MADE IN USA