



PRODUCT DATASHEET

Aspergillus niger Extract

PRODUCT: A dried *Aspergillus niger* extract product produced by a primary fermentation specifically designed for this end product (This *A. niger* product is not a fermentation by-product). This extract has been dried on wheat bran substrate.

PURPOSE: For the supplementation of hydrolytic enzyme (cellulase and amylase enzymes) activity where it is desired.

STATUS: GRAS Animal Feed Ingredient. American Association of Feed Control Officials definition: 36.6 Dried *Aspergillus niger* Fermentation Extract. IFN 5-06-148, *Aspergillus niger* fermentation extract dehydrated.

ANALYSIS: Cellulase Activity: 10,000 Cellulase Units/gram
Amylolytic Activity: 400 SKB units/g

METHOD OF ANALYSIS: Modified FCC/AOAC

APPEARANCE: Light tan, free flowing granular powder, feed odor.

STORAGE CONDITIONS: For optimal activity over longest storage time keep in dry warehouse under 95° F. Half life under these conditions estimated to be in excess of two years.

PRECAUTIONS: See above (storage conditions), generally can be handled as many other feed ingredient or supplements; *avoid dusty conditions when handling animal feed ingredients or supplements. Enzymes can elicit allergic reactions in certain affected individuals, refer to safety data prior to handling.* The enzymes associated with fungal products *will not* normally survive pelleting of supplemented feeds when temperatures exceed 150° Fahrenheit, however presence of calcium will help improve temperature stability of these products.

PACKAGE SIZES: 50 lb poly lined drums

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