



PRODUCT DATA SHEET

A O EXTRACT (2.4 Me)

PRODUCT: A dried *Aspergillus oryzae* extract product produced by a primary fermentation specifically designed for this end product (This *A. oryzae* product is not a fermentation by-product).

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

STATUS: GRAS Animal Feed Ingredient. American Association of Feed Control Officials definition: 36.6 Dried *Aspergillus oryzae* Fermentation Extract. IFN 5-06-149, *Aspergillus oryzae* fermentation extract dehydrated.

ANALYSIS:

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| Amylolytic Activity: | 2,400,000 | Modified Wohlgemuth Units/gram (Approximately 85,000 SKB units/g) |
| Cellulase Activity: | 200 | Cellulase Units/gram |

METHOD OF ANALYSIS: Modified FCC/AOAC Methodology

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

STORAGE CONDITIONS: For optimal activity over longest storage time keep in dry warehouse under 110° 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 fiber drums or metric sized drums

PREPARED IN SUPPLEMENT OR MIXED FEED: Ask for specific recommendations as to product for use in complete feed for poultry and livestock.

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