

MANUFACTURING PARAMETERS

Amaferm Eco is produced using a select *Aspergillus oryzae* strain and proprietary multi-stage, dual fermentation process.

GENERAL SPECIFICATION Amaferm Eco is derived from *Aspergillus oryzae*

EFSA CATEGORY Digestibility Enhancer

AAFCO NUMBER 36.11

IFN NUMBER 5-06-152

USE CONDITIONS

Mix with feed so daily intake provides proper inclusion of Amaferm Eco.

GUARANTEED ANALYSIS

Crude Protein.....	14.0% Min.
Crude Fat	1.6% Min.
Crude Fiber	13.5% Max.
ADF.....	18.0% Max.
Moisture.....	12.5% Max.

INGREDIENTS

Organic wheat bran, Dried *Aspergillus oryzae* fermentation product.

PROPERTIES OF THE PRODUCT

- Appearance - Loose meal consistency, insoluble in water
- Color - Light brown
- Odor - No odor

STORAGE LIFE AND CONDITIONS

Store in cool, dry, well ventilated area with good rodent and grain-based pest control protocol. Always reseal any unused bags. Best if used by 24 months from date of manufacture.

PACKAGING

Bags - 50 lb. (22.7 kg) 4-ply, multi-walled bag with a high-density plastic film moisture barrier that are heat sealed. An individual label is applied to each bag and will include product name, name and address of manufacturer, net weight, and ingredients listing. Each bag will be stacked 40/pallet on clean, new wood pallet that contains a heavy cardboard slip sheet on top and bottom. Pallets are shrink wrapped.

PHYSICAL CHARACTERISTICS AND HANDLING

Amaferm Eco is a flowable, loose meal material that mixes well with typical feed ingredients. The nutritional and handling characteristics are not affected by standard manufacturing processing methods or environmental temperature changes.

- Bulk Density Loose: 24 - 31 lbs per cubic foot, 384-497 kg/m³
- Particle size: 95% ranges from 0.1mm - 2.0mm.
- The product is not live and can be included in pelleted and tub formulations.

PURITY

Amaferm Eco is free from or below FDA advisory levels of mycotoxins Aflatoxin, T2-toxin, Ochratoxin, Zearalenone, and Vomitoxin.

CERTIFICATIONS ISFSF, FAMI-QS, HACCP, OMRI listed.

NON-GMO This is a pure culture of *Aspergillus oryzae* and no genetic modifications are performed on the *Aspergillus* cultures. The ferment is sprayed on a support of organic wheat bran. On file is a Bio-Technology Statement certifying that the wheat bran has not been genetically modified.

GENERAL PRECAUTIONS

Due to the nature of the material it is assessed to have very low potential for human inhalation hazard during handling or application. The product is tested not to be an irritant for the eyes or a skin sensitizer. No special labelling is required.

TYPICAL ANALYSIS

Crude Protein.....	15.5%
Crude Fat	2.17%
Crude Fiber	9.88%
Ash	6.71%
ADF.....	12.33%
Moisture.....	10.57%
Calcium (Ca)	0.17%
Magnesium (Mg)	0.64%
Phosphorus (P).....	1.64%
Potassium (K).....	1.73%
Sodium (Na).....	0.12%
Sulfur (S).....	0.20%
Copper (Cu).....	12.20 mg/kg
Iron (Fe).....	138 mg/kg
Manganese (Mn)	139 mg/kg
Zinc (Zn).....	79.2 mg/kg
TDN	70.2%
NEm	1.65 Mcal/kg
NEg.....	1.12 Mcal/kg
NEI.....	1.63 Mcal/kg
DE.....	3.1 Mcal/kg
ME	2.86 Mcal/kg

Updated January 2024

Manufactured by:



6010 Stockyards Expressway, St. Joseph, MO 64504 USA
800-821-3070 • support@biozymeinc.com

