



MANUFACTURING PARAMETERS

The proprietary species of the fungi *Aspergillus oryzae* used in Amaferm is grown by non-alcoholic fermentation in a proprietary media and is activated for an extended period and then dried.

GENERAL SPECIFICATION Amaferm is derived from *Aspergillus oryzae*

EFSA CATEGORY Digestibility Enhancer

AAFCO NUMBER 36.11

IFN NUMBER 5-06-152

EU REGISTRATION # 4A2

PRINCIPAL EFFECT

Amaferm, a nutritional additive, is a prebiotic designed to enhance digestibility to amplify the nutrient supply to all species of animals.

USE CONDITIONS

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

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

Dried *Aspergillus oryzae* fermentation product, wheat bran.

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. (25 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, batch ref.n, ingredients listing. Each bag will be stacked 40/pallet on clean, new wood pallet (heat treated for International shipments) that contains a heavy cardboard slip sheet on top and bottom. Pallets are shrink wrapped.

PHYSICAL CHARACTERISTICS AND HANDLING

Amaferm 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: 24-31 lbs, 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 is free from or below FDA advisory levels of mycotoxins Aflatoxin, T2-toxin, Ochratoxin, Zearalenone, and Vomitoxin.

CERTIFICATIONS

 ISFSF, FAMI-QS, HACCP

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 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

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Manufactured by:

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