

PRODUCT DESCRIPTION - PD 240819-3.0EN

Axtra® PHY 5000 L

Liquid feed enzyme

Application

Organic phosphorous present in grains and soybeans is bound to phytic acid (phytin), which also complexes with other dietary components such as calcium, starch, and protein.

Axtra® PHY 5000 L is a liquid phytase feed enzyme system specifically developed to increase the digestibility of phytin-bound phosphorus in pig and poultry diets.

Usage levels

For poultry diets: Use at a rate of 0.1 - 0.8 lbs/short ton (US) or 0.05 - 0.4 kg/tonne (0.005-0.04%) of finished feed. Must apply post pelleting.

For pig diets: Use at a rate of 0.1 - 0.8 lbs/short ton (US) or 0.05 - 0.4 kg/tonne (0.005-0.04%) of finished feed. Must apply post pelleting.

Processing stability

Apply post-pelleting, after pellet cooling to 105°F (40°C) or less.

Composition

Trichoderma reesei fermentation product
Water
Sorbitol
Sodium chloride
Potassium sorbate
Sodium benzoate

Guaranteed minimum activity:

6-phytase (EC 3.1.3.26) 5000 FTU/g

Analysis methods detailing assay conditions are available upon request.

Properties

Axtra® PHY 5000 L is supplied as a brown liquid.

Physical/chemical specifications

Enzymes are produced in accordance with FAO/WHO JECFA and FCC recommendations as follows:

Lead < 5 ppm

Microbiological specifications

Enzymes are produced in accordance with FAO/WHO JECFA and FCC recommendations as follows:

Antibiotic activity	Negative by test
Salmonella/25g	Negative by test
E.coli/25g	Negative by test
Coliforms	< 30 CFUs/g

There are no live production micro-organisms in the final product. None of the ingredients are of animal origin.

Storage

Do not freeze. Store under cool conditions. Keep storage container closed when not in use. The constituent enzyme activities remain stable for at least 12 months when stored in original packaging at <25°C (<77°F).

Packaging

Axtra® PHY 5000 L is available in containers of 200kg and 1000kg.

Safety and handling

Provide for good ventilation and avoid aerosol formation. It is recommended to use protective glasses, respiratory mask and gloves during handling. In case of accidental contact with skin or eyes, the only action needed is copious flushing with water. See the Material Safety Data Sheet for further information.

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Additional information

For further information please contact:

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