

PRODUCT DESCRIPTION - PD 292495-1.0EN

Axtra® PHY GOLD 50 T2

Phytase feed enzyme

Application

Axtra® PHY GOLD 50 T2 is a phytase feed enzyme system specifically developed to increase the digestibility of phytin-bound phosphorus, calcium, energy and amino acids in pig and poultry diets.

Usage levels

Use at a rate of 0.010-0.16 lbs/short ton (US) or 0.005-0.080 kg/tonne (0.0005-0.008%) of finished feed, included either directly or via a premix.

Processing stability

For optimum bioefficacy, do not exceed conditioning and pelleting temperatures of 95°C (203°F).

Composition

Dried Trichoderma reesei fermentation product
Sodium sulphate
Sucrose

Guaranteed minimum activity:

6-phytase (EC 3.1.3.26) 50000 FTU/g

Analysis methods detailing assay conditions are available upon request.

Properties

Axtra® PHY GOLD 50 T2 is supplied as an off-white to light tan, fine granular product as follows:

Typical particle size based on sieve fineness:

Micrometers	Approx %
< 250	Max 5
250 to 400	95
>600	Max 2.5

Particle size distribution studies by Method DIN 53734 indicate absence of particles less than 10 micrometers. Axtra® PHY GOLD 50 T2 is sieved to 1.2 mm prior to packaging.

Bulk density	1000 - 1400 kg/m ³
Moisture content	Maximum 2 %

Physical/chemical specifications

Axtra® PHY GOLD 50 T2 is produced in accordance with FAO/WHO JECFA and FCC recommendations as follows:

Lead	< 5 ppm
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Microbiological specifications

Axtra® PHY GOLD 50 T2 is produced in accordance with FAO/WHO JECFA and FCC recommendations as follows:

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

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

Storage

Store in dry conditions. The constituent enzyme activities remain stable for at least 12 months when stored in original packaging at <25°C(<77°F) and 6 months when included in a vitamin/mineral premix and stored at <25°C(<77°F).

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Packaging

Axtra® PHY GOLD 50 T2 is available in 25kg multi-wall polyethylene lined paper bags and in 1000kg bulk (tote) bags.

Safety and handling

Provide for good ventilation and avoid dust 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.

Additional information

For further information please contact:
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<http://animalnutrition.dupont.com/>