

## PRODUCT DESCRIPTION - PD 225775-1.1EN

### Phyzyme XP 10000 TPT GA

Feed enzyme system

#### Application

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Phyzyme XP 10000 TPT GA is a phytase feed enzyme specifically developed to increase the digestibility of phytin-bound phosphorus, calcium, energy and amino acids in poultry and pig diets.

#### Usage levels

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For poultry and pig diets:  
Use at a rate of 0.025 - 0.1kg/tonne (0.0025-0.01%) of finished feed, included direct or via a premix.

#### Processing stability

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

#### Composition

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Dried Schizosaccharomyces pombe fermentation product  
Sodium sulphate  
Starch  
Gum arabic

Guaranteed minimum activity:

6-phytase (EC 3.1.3.26) 10000 FTU/g

Analysis methods detailing assay conditions are available upon request.

#### Properties

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Phyzyme XP 10000 TPT GA is supplied as an off-white to light tan, fine granular product as follows:

Typical particle size based on sieve fineness:

Micrometers	Approx %
< 200	0.1
200 to 500	65
500 to 800	30
> 800	4.9

Particle size distribution studies by Method DIN 53734 indicate absence of particles less than 10 micrometers.  
Phyzyme XP 10000 TPT GA is sieved to 1.2 mm prior to packaging.

Bulk density	1350 kg/m <sup>3</sup>
Moisture content	Maximum 2 %

#### Physical/chemical specifications

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Phyzyme XP 10000 TPT GA is produced in accordance with FAO/WHO JECFA and FCC recommendations as follows:

Lead	< 5 ppm
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#### Microbiological specifications

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Phyzyme XP 10000 TPT GA 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.

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#### Storage

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Store in dry conditions. The constituent enzyme activities remain stable for at least 12 months when stored in original packaging at <20°C (<68°F) and 4 months when included in a vitamin/mineral premix and stored at <20°C (<68°F).

#### Packaging

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Phyzyme XP 10000 TPT GA is available in 25kg cartons with polyethylene inner bag and in 500kg polyethylene lined polypropylene bags.

#### Safety and handling

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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

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For further information please contact:

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