

PRODUCT DESCRIPTION - PD 230804-2.0EN

Axtra® XB 201 TPT

EC Registration Number: 4a15

Application

Axtra® XB 201 TPT is a feed enzyme system specifically developed to improve the nutritional value of pig and poultry diets.

Usage levels

Turkeys for fattening and turkeys reared for breeding: For use in compound feed. Use at a rate of 0.1-0.2 kg/tonne (0.01-0.02%) of complete feed, included either directly or via a premix.

Laying hens: For use in compound feed. Use at a rate of 0.1-0.2 kg/tonne (0.01-0.02%) of complete feed, included either directly or via a premix.

For all other poultry applications including poultry minor species: For use in compound feed. Use at a rate of 0.05-0.2 kg/tonne (0.005-0.02%) of complete feed, included either directly or via a premix.

Piglets (weaned): For use in compound feed. Use at a rate of 0.05-0.2 kg/tonne (0.005-0.02%) of complete feed, included either directly or via a premix.

Pigs for fattening: For use in compound feed. Use at a rate of 0.05-0.2 kg/tonne (0.005-0.02%) of complete feed, included either directly or via a premix.

Lactating sows: For use in compound feed. Use at a rate of 0.1 kg/tonne (0.01%) of complete feed, included either directly or via a premix.

Processing stability

Studies have shown that the product retains its efficacy in the target animal when present in feed that has been conditioned and pelleted up to 90°C (194°F).

Composition

Dried Trichoderma reesei fermentation product
Sodium sulphate
Poly-vinyl alcohol (PVA)
Starch
Hydrated magnesium silicate
Sucrose

Guaranteed minimum activity:

endo-1,4-beta-xylanase (EC 3.2.1.8)	12200 U/g
endo-1,3(4)-beta-glucanase (EC 3.2.1.6)	1520 U/g

Analysis methods detailing assay conditions are available upon request.

Properties

Axtra® XB 201 TPT 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	68.9
500 to 800	30
> 800	1

Particle size distribution studies by Method DIN 53734 indicate absence of particles less than 10 micrometers.

Axtra® XB 201 TPT is sieved to 1.2 mm prior to packaging.

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

Physical/chemical specifications

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

Lead	< 5 ppm
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Microbiological specifications

Enzymes are 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).

Packaging

Axtra® XB 201 TPT 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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