

PRODUCT DESCRIPTION - PD 237847-1.3EN

Axtra® XAP 101 TPT

Feed enzyme system

Application

Axtra® XAP 101 TPT is a feed enzyme system specifically developed for use in monogastric diets based on cereal grains and vegetable protein meals, allowing the inclusion of some high fibre by-products e.g. DDGS and wheat by-products.

Usage levels

Poultry: Use at a rate of 0.05-0.1 kg/tonne (0.005-0.01%) 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 Bacillus subtilis fermentation product
Dried Trichoderma reesei fermentation product
Dried Bacillus licheniformis 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)	20000 U/g
alpha-amylase (EC 3.2.1.1)	2000 U/g
subtilisin (protease) (EC 3.4.21.62)	40000 U/g

Analysis methods detailing assay conditions are available upon request.

Properties

Axtra® XAP 101 TPT is supplied as a light tan, fine granular product as follows:

Typical particle size based on sieve fineness:

Micrometers	Approx %
< 200	0.1
200 to 500	90
500 to 800	9
> 800	1

Axtra® XAP 101 TPT is sieved to 1.2 mm prior to packaging.

Bulk density	1370 kg/m ³
Moisture content	Maximum 10 %

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

Axtra® XAP 101 TPT 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

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 4 months when included in a vitamin/mineral premix and stored at <25°C(<77°F).

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Packaging

Axtra® XAP 101 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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