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TECHNICAL DATA SHEET

TDS-ENZ111-EN · REV. 02 · 2026-11-03

Poultry Feed Enzymes

Poultry feed enzyme additive with phytase, xylanase and protease for phosphorus release and fiber digestion.

SKU **ENZ111** CATEGORY **ENZYMES FOR ANIMAL FEED** TYPE **FEED GRADE ENZYMES** APPEARANCE **POWDER**

Produced by submerged fermentation

Not restricted for transport

SHELF LIFE	APPLICATION RATE	XYLANASE	FORM
12 months	**0.3-0.5 kg per ton**	**≥1,000 U/g**	**Powder**
sealed, see storage below	of feedstuff	minimum, as listed in the activity profile	light yellow to light brown

SPECIFICATION

IDENTITY		
Type	Feed Grade Enzymes	Typical
PHYSICAL		
Appearance	Powder	Typical
Colour	Light yellow to light brown	Typical
Odour	Typical fermentation odour	Typical
ACTIVITY		
Cellulase (in CMCase)	≥50 U/g	Typical
Xylanase	≥1,000 U/g	Typical
β-Glucanase	≥250 U/g	Typical
Acid protease	≥1,500 U/g	Typical

Spec = release limit, confirmed on every lot's Certificate of Analysis. **Typical** = normal product behaviour, not a release limit.

STORAGE & PACKAGING

SHELF LIFE
12 months

STORAGE
Keep sealed in a dry and cool place and avoid direct sunlight.

PACK SIZE
1 kg / bag

ORDERING
Online or by e-mail; current price on the product page

APPLICATIONS

Apply to broiler, layer or duck feedstuff
Improves feed conversion (FCR) and fiber digestion

Break down feed cell walls
Releases nutrients from within the cell

Reduce viscosity of chyme in the digestive tract
Improves nutrient absorption

Eliminate anti-nutritional factors in feedstuff
Increases feedstuff digestion rate

Reduce nitrogen content in manure
Lowers environmental stress risk

DOSAGE

0.3-0.5 kg per ton

per ton of feedstuff

Substrate	**Livestock and poultry feedstuff (broiler, layer, duck)**
Mixing	**Stepwise: first with a small quantity of feedstuff, then with more and more before feeding**

Well mixing ensures good performance of the product.

Each lot is released against its specification; the lot Certificate of Analysis reports the measured values.

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Online: enzymes.bio/product/poultry-feed-enzymes

Enzyme preparations are proteins that may induce sensitization; prolonged contact may cause minor irritation, so avoid direct skin contact. This technical data sheet gives the product specification and typical values; it is not a batch certificate. A Certificate of Analysis for the supplied lot accompanies each shipment. Safety Data Sheet on request.

SCAN TO ORDER