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TECHNICAL DATA SHEET

TDS-ENZ172-EN · REV. 02 · 2026-11-03

Digestive Enzyme Blend for Poultry Feed

Multi-enzyme feed additive with protease, amylase and xylanase for chickens and turkeys.

SKU **ENZ172** CATEGORY **ENZYMES FOR ANIMAL FEED** CATEGORY **ENZYMES FOR ANIMAL FEED**

USAGE **FEED ADDITIVE ENZYME** FORM **POWDER**

Produced by submerged fermentation

Not restricted for transport

APPLICATION RATE	FORM	PACK SIZE	XYLANASE ACTIVITY
0.3-0.5 kg	**Powder**	**1 kg / bag**	**≥1,000 U/G**
per ton of feedstuff	yellowish or hazel colour	as listed in the package section	declared minimum in the ingredient table

SPECIFICATION

IDENTITY		
Product type	Compound enzyme	Typical

ACTIVITY		
Xylanase	**≥1,000 U/G**	Typical
Acid protease	**≥1,500 U/G**	Typical
Neutral protease	**≥1,500 U/G**	Typical
β-Glucanase	≥250 U/G	Typical

COMPOSITION		
Cellulase (in CMCase)	≥50 U/G	Typical
Alpha-amylase	≥50 G/G	Typical
Glucoamylase	≥2,400 G/G	Typical
Pectinase	≥380 G/G	Typical

FURTHER ACTIVITY		
Mannanase	≥10 G/G	Typical

PHYSICAL		
Appearance	Powder	Typical
Colour	Yellowish or hazel	Typical
Odour	Slight fermentation odour	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
Store in a cool and dry place in a sealed container, avoiding insolation, high temperature and damp

PACK SIZE
1 kg / bag

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

APPLICATIONS

Support digestive efficiency in broiler, layer and duck feed
Supplements the endogenous enzymes of poultry and accelerates growth rate

Reduce chyme viscosity in the poultry digestive tract
Eliminates anti-nutritional factors and improves nutrient absorption and feedstuff digestive rate

Increase the energy efficiency of feedstuff
Decreases feed cost

Decrease the N content in poultry dejecta
Improves the living environment and avoids environmental stress

Break down plant cell walls in feedstuff
Releases cell content adequately and improves feedstuff utilization

DOSAGE

0.3-0.5 kg
per ton of feedstuff

Substrate	**Livestock and poultry (broiler, layer, or duck) feedstuff**
Addition point	**Mix with a small quantity of feedstuff first, then with a large quantity of feedstuff for direct feeding**

Mix the product with the feedstuff thoroughly.

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

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Online: enzymes.bio/product/digestive-food-enzymes-for-poultry

Enzyme preparations are proteins that may induce sensitization and allergic-type reactions; avoid direct skin contact and consult a doctor if irritation develops. 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