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TECHNICAL DATA SHEET

TDS-ENZ171-EN · REV. 02 · 2026-11-03

Broiler Feed Enzymes

Multi-enzyme blend with xylanase and phytase for commercial poultry feed.

SKU **ENZ171** CATEGORY **ENZYMES FOR ANIMAL FEED** TYPE **FEED GRADE ENZYMES** FORM **POWDER**

EFFICACY **PROMOTE HEALTHY GROWTH, PROMOTE NUTRITION**

Produced by submerged fermentation

Not restricted for transport

SHELF LIFE	DOSAGE	XYLANASE ACTIVITY	PACK SIZE
12 months	**0.3-0.5 kg per ton**	**≥1,000 U/G**	**1 kg**
sealed, see storage below	per ton of feedstuff	minimum, as listed in the activity profile	per bag

SPECIFICATION

IDENTITY	
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
Alpha-amylase	≥50 U/G Typical

ACTIVITY (CONTINUED)	
Acid protease	≥1,500 U/G Typical
Neutral protease	≥1,500 U/G Typical
Glucoamylase	≥2,400 U/G Typical
Pectinase	≥380 U/G Typical

ACTIVITY (CONTINUED)	
Mannanase	≥10 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; avoid direct sunlight

PACK SIZE
1 kg per bag

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

APPLICATIONS

Feed to broiler, layer and duck flocks
Improves feedstuff utilization and nutrient absorption

Break down feed cell walls
Releases nutrients from within the cell

Reduce viscosity of digestive tract chyme
Improves nutrient absorption and digestion rate

Eliminate anti-nutritional factors in feedstuff
Increases energy efficiency of feedstuff

Reduce nitrogen content in manure
Lowers environmental stress and supports animal welfare

DOSAGE

0.3-0.5 kg per ton

kg of product per ton of feedstuff

Substrate	**Poultry feedstuff (broiler, layer or duck)**
Mixing	**Stepwise: small quantity of feedstuff first, then increasing amounts**

Mix well before feeding to ensure good performance.

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

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

Enzyme preparations are proteins that may induce sensitization; prolonged contact may cause minor irritation of skin, eyes or nasal mucosa. 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