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TECHNICAL DATA SHEET

TDS-ENZ217-EN · REV. 02 · 2026-11-03

# Complex Feed Enzymes for Domestic Fowl

Multi-enzyme powder additive for poultry feed to support nutrient digestibility.

SKU **ENZ217** CATEGORY **ENZYMES FOR ANIMAL FEED** GRADE **FEED GRADE** OTHER NAME **COMPOUND ENZYMES**

CATEGORY **ENZYMES FOR ANIMAL FEED**

Produced by submerged fermentation

Not restricted for transport

APPLICATION RATE
**0.3-0.5 kg per ton of feedstuff**
for broiler, layer or duck feedstuff

XYLANASE ACTIVITY
**≥1,000 U/g**
main carbohydrase in the enzyme composition

FORM
**Powder**
yellowish or hazel colour, slight fermentation odour

SHELF LIFE
**12 months**
sealed, see storage below

## SPECIFICATION

| IDENTITY | |
|---|---|
| Product type | Complex (multi-enzyme) feed enzyme Typical |

| ACTIVITY | |
|---|---|
| Xylanase | **≥1,000 U/g** Typical |
| Glucoamylase | **≥2,400 U/g** Typical |
| Acid protease | **≥1,500 U/g** Typical |
| Neutral protease | **≥1,500 U/g** Typical |

| COMPOSITION | |
|---|---|
| β-Glucanase | ≥250 U/g Typical |
| Pectinase | ≥380 U/g Typical |
| Mannanase | ≥10 U/g Typical |
| Cellulase (in CMCase) and alpha-amylase | ≥50 U/g each 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; avoid insolation, high temperature and damp**

PACK SIZE
**1 kg / bag**

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

## APPLICATIONS

**Supplement endogenous enzymes of poultry to support digestive efficiency**
Accelerates the growth rate of poultry.

**Eliminate anti-nutritional factors in feedstuff and reduce chyme viscosity**
Improves nutrient absorption and the digestive rate of feedstuff.

**Increase the energy efficiency of feedstuff**
Decreases feed cost.

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

**Destroy plant cell walls in feedstuff**
Releases cell content and improves feedstuff utilization.

## DOSAGE

**0.3-0.5 kg per ton of feedstuff**

per ton of feedstuff

| | |
|---|---|
| Target feed | **Livestock and poultry feedstuff (broiler, layer or duck)** |
| Addition point | **Mixed into the feedstuff** |
| Mixing | **Mix with a small quantity of feedstuff first, then with a large quantity of feedstuff for direct feeding** |

Mix the product with the feedstuff sufficiently.

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



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Online: enzymes.bio/product/domestic-fowl-enzymes-feed-enzymes-for-chickens-turkeys-geese-and-ducks

Enzyme preparations are proteins that may cause 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