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TECHNICAL DATA SHEET

TDS-ENZ215-EN · REV. 02 · 2026-11-03

Pectinase Enzyme for Feed Additive

Pectinase enzyme that degrades pectin in plant-based feeds.

SKU **ENZ215** CATEGORY **ENZYMES FOR ANIMAL FEED** PRODUCTION ORGANISM **ASPERGILLUS NIGER**

PHYSICAL FORM **POWDER** COLOUR **PALE YELLOW**

Produced by submerged fermentation

Not restricted for transport

DECLARED ACTIVITY	OPTIMUM TEMPERATURE	OPTIMUM PH	SHELF LIFE
10000 u/g	**35°C-50°C**	**3.0-5.0**	**12 months**
as stated on the product page	working range 20°C-60°C	working range pH 3.0~6.8	sealed, see storage below

SPECIFICATION

IDENTITY		
Production organism	Aspergillus niger	Typical
Physical form	Powder	Typical
ACTIVITY		
Declared activity	**10000 u/g**	Typical
WORKING WINDOW		
Optimum temperature	35°C-50°C	Typical
Optimum pH	3.0-5.0	Typical
HEAVY METALS		
Lead	5 mg/kg	Typical
Arsenic	3 mg/kg	Typical
MICROBIOLOGY		
Total Viable Count	50,000 CFU/g	Typical
Coliform Bacteria	30 CFU/g	Typical
Escherichia coli	10 CFU/g 3 MPN/g	Typical
Salmonella	Not Detected/25g	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

Degrade pectin in plant-based animal feeds
Improves nutrient digestibility and feed conversion efficiency

Dose per ton of total raw materials
Sets the feed-additive rate within the stated range

Run trials at different rates before full use
Finds the optimal rate for the feed and process

DOSAGE

0.02-0.5L per ton

per ton of total raw materials

Rate range **0.02-0.5L of the enzyme preparation**

The optimal rate depends on the raw materials and process parameters and should be determined by testing.

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

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Online: enzymes.bio/product/pectinase-animal-feed-additives-enzymes

Enzyme preparations are proteins that may cause sensitization and allergic-type reactions; avoid prolonged 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