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TECHNICAL DATA SHEET

TDS-ENZ216-EN · REV. 02 · 2026-11-03

Beef Cattle Feed Enzymes

Compound enzyme blend with cellulase and xylanase to improve forage fiber digestion and feed efficiency.

SKU **ENZ216** CATEGORY **ENZYMES FOR ANIMAL FEED** FORM **POWDER** COLOUR **LIGHT YELLOW TO BROWN**

ODOUR **SLIGHT FERMENTATION ODOUR**

Produced by submerged fermentation

Not restricted for transport

XYLANASE ACTIVITY	APPLICATION RATE	MILK FAT INCREASE	SHELF LIFE
≥1,000 U/G	**1,000 G/M.T.**	**13.65%**	**12 months**
Enzymatic Activity Profile, minimum	as stated on the product page	daily milk fat in experimental dairy cows	sealed, see storage below

SPECIFICATION

IDENTITY	
Appearance	Powder Typical
Colour	Light yellow to brown Typical
Odour	Slight fermentation odour Typical
ACTIVITY	
Cellulase	≥300 U/G Typical
Xylanase	≥1,000 U/G Typical
β-glucanase	≥1,500 U/G Typical
Mannanase	≥30 U/G Typical
PROTEASE ACTIVITY	
Neutral Protease	≥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

Add to ruminant feed
Higher milk yield and milk fat content

Feed to cattle on forage-based diets
Better fiber digestion and nutrient release

Feed to ruminants
Lower chyme viscosity and better nutrient absorption

Feed to ruminants
More volatile fatty acids in the rumen

Feed to cattle
Lower nitrogen and phosphorus excretion

DOSAGE

1,000 G/M.T.

per M.T. (metric ton) of feed

Addition point	**Before feeding, mixed stepwise: a small quantity of feedstuff first, then increasing amounts**

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/beef-cattle-feed-enzymes

Enzyme preparations are protein and may induce sensitization; 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