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TECHNICAL DATA SHEET

TDS-ENZ059-EN · REV. 02 · 2026-11-03

Aquaculture Feed Enzymes for Shrimp and Fish

Feed enzyme blend for shrimp and fish aquaculture that supports protein and carbohydrate digestion.

SKU **ENZ059** CATEGORY **ENZYMES FOR ANIMAL FEED** CATEGORY **ENZYMES FOR ANIMAL FEED**

TYPE **FEED GRADE ENZYME** FORM **POWDER**

Not restricted for transport

FORM	APPLICATION RATE	PROTEASE ACTIVITY	SHELF LIFE
Powder	**3-5 kg / M.T**	**≥2,000 U/G**	**12 months**
yellowish or hazel, slight fermentation odour	of meal-based feed	highest activity in the enzymatic activity profile	sealed, see storage below

SPECIFICATION

IDENTITY	
Product type	Feed enzyme blend for shrimp and fish aquaculture Typical

ACTIVITY	
Cellulase	≥30 U/G Typical
Xylanase	≥600 U/G Typical
β-glucanase	≥200 U/G Typical
Mannanase	≥800 U/G Typical
Protease	**≥2,000 U/G** Typical
Alpha-amylase	≥400 U/G Typical
Lipase	≥150 U/G Typical
Glucose oxidase	≥15 U/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
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

Disrupt plant cell walls and eliminate anti-nutritional factors in aquafeed.
Improves animal productive performance.

Improve intestinal microflora and regulate the animal's resilience.
Helps maintain animal health.

Reduce the viscosity of gastrointestinal chyme.
Enhances digestion and absorption of nutrients and reduces feed cost.

Boost the activity of endogenous enzymes in the animal intestinal tract.
Supports digestion of protein and carbohydrate.

Minimize batch-to-batch variation in feed ingredient composition.
Allows more flexibility in raw material choice and improves growth uniformity.

DOSAGE

3-5 kg / M.T
of meal-based feed

Feed type **Meal-based feed**

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

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Online: enzymes.bio/product/aquaculture-feed-enzymes-feed-enzymes-for-shrimp-and-fish

Enzyme preparations may cause sensitization and allergic-type symptoms; avoid direct skin contact and consult a doctor if irritation or allergic response 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