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TECHNICAL DATA SHEET

TDS-ENZ194-EN · REV. 02 · 2026-11-03

Mannanase

Mannanase powder, 10 000 U/g, for feed addition and mannan oligosaccharide production.

SKU **ENZ194** CATEGORY **ENZYMES FOR ANIMAL FEED** GRADE **FEED GRADE** FORM **POWDER**

Produced by submerged fermentation

Not restricted for transport

DECLARED ACTIVITY	FORM	STORAGE CONDITION	SHELF LIFE
10 000 U/g	**Powder**	**Room temperature**	**12 months**
as stated in product information	soluble in water, opaque light yellow liquid	dry and protected from light	sealed, see storage below

SPECIFICATION

IDENTITY

Product name	Mannanase Typical
Main components	Mannanase, zeatin powder Typical
Substrate bonds	Hydrolyzes mannan-oligosaccharides containing β-1,4-mannoside bonds Typical

ACTIVITY

Declared activity	**10 000 U/g** Typical
Side activities	Amylase, xylanase, cellulase, protease, pectinase and other activities Typical

PHYSICAL

Form	**Powder** Typical
Solubility	Soluble in water, forming an opaque light yellow liquid 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
Room temperature, dry, and protected from light

PACK SIZE
Not stated

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

APPLICATIONS

Feed addition
Promote secretion of insulin-like growth factor IGF-I, enhance protein synthesis and improve the lean meat rate.

Feed addition
Improve energy digestibility of cake meal, especially soybean meal.

Mannan oligosaccharide extraction
Break down mannan into mannan oligosaccharide, suitable for mass production.

Plant extraction
Aid plant hydrolysis by decomposing starch sugar, fiber, protein and gum.

DOSAGE

Determine by trial

no application rate stated on the product page

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

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Online: enzymes.bio/product/mannanase-feed-addition-hemicellulose-mannose-oligosaccharide-processing

Enzyme preparations are proteins and may sensitise; avoid skin, eye and inhalation 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