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TECHNICAL DATA SHEET

TDS-ENZ190-EN · REV. 02 · 2026-11-03

Alkaline Protease

Proteolytic enzyme preparation, declared 50000U/G-1600000U/G, light brown, CAS 9014-01-1.

SKU **ENZ190** CATEGORY **ALKALINE PROTEASE** CAS **9014-01-1** GRADE **FOOD GRADE**

Food grade Not restricted for transport

DECLARED ACTIVITY	COLOUR	CAS NUMBER	APPLICATION FIELD
50000U/G-1600000U/G	**Light Brown**	**9014-01-1**	**Food Additive**
specification range as stated on the product page	appearance as stated	main ingredient: Alkaline Protease	function: proteolytic enzyme preparation

SPECIFICATION

IDENTITY		
Main ingredient	Alkaline Protease Typical	
Function	Proteolytic enzyme preparation Typical	
CAS No	9014-01-1 Typical	
ACTIVITY		
Declared activity	**50000U/G-1600000U/G** Typical	
PHYSICAL		
Colour	Light Brown 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
Not stated

PACK SIZE
Not stated

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

APPLICATIONS

Hydrolyse protein in food, feed and pharmaceutical applications.
Protein hydrolysis

Improve metabolic energy utilization of soybean, cottonseed and rapeseed meal in feed.
Reduces chyme viscosity and increases feed/gain ratio

Degrade oligosaccharides of meal raw materials in feed.
Reduces nutrient residue in chyme and increases nutrient utilization rate

Eliminate flatulence and diarrhea in mono-gastric animals.
Deals with digestive disorders caused by oligosaccharides

Improve wool permeability and other characteristics.
Method without polluting the environment

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/food-grade-high-purity-pure-enzyme-alkaline-protease

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