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TECHNICAL DATA SHEET

TDS-ENZ157-EN · REV. 02 · 2026-11-03

Trypsin 2500USP Serine Hydrolase Pig Pancreas Extraction

Trypsin is a serine-type endonuclease from porcine pancreas that cuts proteins after lysine and arginine residues.

SKU **ENZ157** CATEGORY **TRYPSIN** SOURCE **PORCINE PANCREAS** ENZYME TYPE **SERINE-TYPE ENDONUCLEASE** GRADE **FOOD GRADE**

Food grade Not restricted for transport

DECLARED ACTIVITY	SHELF LIFE	FORM
2500 USPU/mg	**12 months**	**Crystal powder**
can be customized	sealed, see storage below	light yellow

SPECIFICATION

IDENTITY		
Main component	Trypsin Typical	
Source	Porcine pancreas Typical	
Enzyme type	Serine-type endonuclease Typical	
ACTIVITY		
Declared activity	**2500 USPU/mg** Typical	
PHYSICAL		
Appearance	Light yellow crystal powder Typical	
Solubility	Easily soluble in water; insoluble in ethanol, glycerol, chloroform and ether 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, protected from light

PACK SIZE
100G

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

APPLICATIONS

Hydrolyse proteins in food processing
Uses protein cleavage specificity for protein processing.

Combine with other cut-site proteases
Achieves higher protein hydrolysis.

Separate cells in cell culture
Selectively hydrolyses proteins between cells for cell separation and cultivation.

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/trypsin-2500usp-100g-serine-hydrolase-pig-pancreas-extraction

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