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TECHNICAL DATA SHEET

TDS-ENZ132-EN · REV. 02 · 2026-11-03

Food Grade Trypsin Enzyme Powder

Trypsin enzyme powder for protein hydrolysis, meat tenderization and gelatin production.

SKU **ENZ132** CATEGORY **TRYPSIN** CAS **9002-07-7** GRADE **FOOD GRADE**

MAIN INGREDIENT **TRYPSIN ENZYME POWDER**

Food grade Not restricted for transport

OPTIMUM PH
8.0~9.0
pH, as stated in the introduction

FORM
Powder
white powder

SPECIFICATION

IDENTITY	
Main ingredient	Trypsin enzyme powder Typical
CAS	9002-07-7 Typical
Enzyme type	Serine proteolytic enzyme Typical
ACTIVITY	
Listed value	2500USP Typical
PHYSICAL	
Colour	White powder Typical
Molecular weight	23300 daltons Typical
WORKING WINDOW	
Optimum pH	**8.0~9.0** Typical
Heat stability	Hardly deactivated when boiled for a short time at pH 1.8 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 proteins in food processing
Cuts large protein molecules into smaller peptides

Tenderise meat
Breaks down meat protein for tenderization

Make baking enzyme preparations
Used as an ingredient in baking enzyme preparations

Produce gelatin
Used in gelatin production

Test protein hydrolysis in research
Used as a reagent in food industry research and testing

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.

enzymes.bio · Level 1, 6 Johnsonville Road, Wellington 6037, New Zealand · **Tel (USA) +1 (507) 428-6057** · wholesale@enzymes.bio

Online: enzymes.bio/product/food-grade-trypsin-enzyme-powder-cas-9002-07-7-bulk-supply

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