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TECHNICAL DATA SHEET

TDS-ENZ048-EN · REV. 02 · 2026-11-03

Neutral Protease (Serrapeptase) 200000u/g

Serratiopeptidase powder, a metalloprotease with declared activity of 200000u/g.

SKU **ENZ048** CATEGORY **NEUTRAL PROTEASE** CAS **9068-59-1** GRADE **FOOD & INDUSTRIAL**

FORM **LIGHT BROWN POWDER**

Food grade · Produced by submerged fermentation · Industrial grade · Not restricted for transport

DECLARED ACTIVITY	SHELF LIFE	APPEARANCE	PACK SIZE
200000u/g	**12 months**	**Light Brown Powder**	**1 kg / bag**
as stated in the specification	sealed, see storage below	powder form	standard packing

SPECIFICATION

IDENTITY		
Product name	Serrapeptase (Serratiopeptidase)	Typical
Active ingredient	Serratiopeptidase	Typical
CAS number	9068-59-1	Typical

ACTIVITY		
Declared activity	**200000u/g**	Typical
Enzyme type	Metalloprotease	Typical

PHYSICAL		
Appearance	Light Brown Powder	Typical
Grade	Food & Industrial	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
Store in a cool and dry place, keep away from strong light and heat.

PACK SIZE
1 kg / bag

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

APPLICATIONS

Hydrolyse protein substrates in industrial protein processing under mild conditions
Targeted protein breakdown in protein waste processing and silk degumming

Hydrolyse proteins in food ingredient manufacturing
Produces protein hydrolysates and flavor enhancers

Serve as reference enzyme in proteolytic assay development
Supports enzyme kinetics studies and bioprocess optimization research

Blend into multi-enzyme formulations
Used in industrial cleaning, waste treatment and protein recovery

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/pure-natural-neutral-protease-enzyme-powder-serrapeptase-enzyme-200000u-g

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