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TECHNICAL DATA SHEET

TDS-ENZ052-EN · REV. 02 · 2026-11-03

Alkaline Protease Powder 100,000 u/g

Alkaline protease powder, 100,000 u/g, light yellow powder for food and industrial use.

SKU **ENZ052** CATEGORY **ALKALINE PROTEASE** CAS **9014-01-1** GRADE **FOOD & INDUSTRIAL**

Industrial grade

Not restricted for transport

DECLARED ACTIVITY
100,000 u/g
stated specification

SHELF LIFE
12 months
sealed, see storage below

FORM
Light Yellow Powder
appearance of the product

PACKAGE TYPES
Bottle, Bag, Aluminum Foil Bag
available package forms

SPECIFICATION

IDENTITY		
Product name	Alkaline Protease Powder	Typical
CAS No.	9014-01-1	Typical
Active ingredient	Alkaline Protease	Typical
ACTIVITY		
Specification	**100,000 u/g**	Typical
Test method	HPLC	Typical
PHYSICAL		
Appearance	Light Yellow Powder	Typical
Grade	Food & Industrial	Typical
WORKING WINDOW		
Working pH	Alkaline conditions; no optimum stated	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
Bottle, Bag, Aluminum Foil Bag

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

APPLICATIONS

Meat protein hydrolysis
Hydrolyse meat protein to produce meat flavors.

Yeast extract
Improve production efficiency and yield of yeast extract.

Collagen extraction
Extract collagen, for example from fish scale or fish skin.

Chondroitin sulfate extraction
Hydrolyse raw material to liberate chondroitin sulfate.

Medical equipment cleaning
Hydrolyse blood protein to help clean medical equipment.

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/alkaline-protease-powder-protease-enzyme-detergent-alkaline-protease

Handle the product with care, using appropriate personal protective equipment to avoid exposure. 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