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TECHNICAL DATA SHEET

TDS-ENZ197-EN · REV. 02 · 2026-11-03

# Lysozyme

## Natural antimicrobial enzyme that controls lactic acid bacteria in beer and wine production.

SKU **ENZ197** CATEGORY **BEER BREWING ENZYMES** CAS **12650-88-3** EINECS **235-747-3** OTHER NAMES **LYSOZYM**

Food grade  Not restricted for transport

| WORKING TEMPERATURE | WORKING PH | FORM |
|---|---|---|
| **30°C-55°C** | **5.5-8.5** | **Powder** |
| no optimum stated | no optimum stated | appearance as listed |

## SPECIFICATION

### IDENTITY

| | |
|---|---|
| CAS number | 12650-88-3 Typical |
| EINECS number | 235-747-3 Typical |

### PHYSICAL

| | |
|---|---|
| Appearance | Powder Typical |
| Colour | White to gray-white Typical |
| Odour | Normal microbial fermentation odour Typical |

### WORKING WINDOW

| | |
|---|---|
| Temperature | 30°C-55°C Typical |
| pH | 5.5-8.5 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

**Control lactic acid bacteria in beer production.**
Acts as a natural antimicrobial enzyme.

**Control lactic acid bacteria in wine production.**
Acts as a natural antimicrobial enzyme.

**Apply in food preservation.**
Provides natural antimicrobial control.

## 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/lysozyme-cas-no-12650-88-3

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