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TECHNICAL DATA SHEET

TDS-ENZ008-EN · REV. 02 · 2026-11-03

Food Grade Catalase Enzyme Powder 100,000 U/g

Catalase powder that catalyzes the decomposition of hydrogen peroxide to water and oxygen.

SKU **ENZ008** CATEGORY **CATALASE** CAS **9001-05-2** GRADE **FOOD GRADE**

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

DECLARED ACTIVITY	SHELF LIFE	FORM
100,000 U/g	**12 months**	**Powder**
as stated on the product page	sealed, see storage below	catalase enzyme powder

SPECIFICATION

IDENTITY	
CAS No	9001-05-2 Typical
ACTIVITY	
Enzyme activity	**≥ 100000 U/g** Spec
PHYSICAL	
Appearance	White to Light Brown Powder Typical
PURITY AND HYGIENE	
Lead (Pb)	≤ 5.0 mg/kg Spec
Arsenic (As)	≤ 3.0 mg/kg Spec
Total plate count	≤ 50000 CFU/g Spec
Coliforms	≤ 30 CFU/g Spec

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
1 kg / bag

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

APPLICATIONS

Remove hydrogen peroxide from milk used to make cheese.
Reduces hydrogen peroxide in milk before cheese making.

Eliminate hydrogen peroxide odor in cheese, milk and egg products.
Removes odor caused by hydrogen peroxide formed under ultraviolet light.

Remove residual hydrogen peroxide from textiles.
Leaves the finished textile free of peroxide.

Remove residual hydrogen peroxide after contact lens cleaning.
Removes peroxide left after soaking in a cleaning agent.

Loosen dough in bread manufacture.
Acts as a loosening agent in bread making.

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/food-grade-catalase-enzyme-powder-100000-u-g-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