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TECHNICAL DATA SHEET

TDS-ENZ032-EN · REV. 02 · 2026-11-03

Catalase Powder 100000u/g

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

SKU **ENZ032** CATEGORY **CATALASE** CAS **9001-05-2** GRADE **FOOD & INDUSTRIAL** TEST METHOD **HPLC**

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

DECLARED ACTIVITY	SHELF LIFE	PACK SIZE
100000u/g	**12 months**	**1 kg / bag**
as stated on the product page	sealed, see storage below	minimum order quantity

SPECIFICATION

IDENTITY	
Product name	Catalase Typical
CAS No.	9001-05-2 Typical
Test method	HPLC 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
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

Milk used for cheese making
Removes hydrogen peroxide from the milk

Food packaging
Helps prevent food from being oxidized

Industrial field
Applied in the industrial field

Cosmetics field
Applied in the cosmetics field

Food manufacturing and commercial production
Applied in food manufacturing and commercial production

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/catalase-powder-100000u-g-cas-9001-05-2-pure-enzyme-catalase-powder

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