enzymes.bio

Add enzymes. Add value.

TECHNICAL DATA SHEET

TDS-ENZ020-EN · REV. 02 · 2026-11-03

Catalase Powder 200,000u/g

Catalase powder that decomposes hydrogen peroxide into oxygen and water; activity 200,000u/g.

SKU **ENZ020** CATEGORY **CATALASE** CAS **9001-05-2** GRADE **FOOD & INDUSTRIAL**

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

DECLARED ACTIVITY	SHELF LIFE	FORM	PACKAGE
200,000u/g	**12 months**	**White powder**	**Bottle, Bag, Aluminum Foil Bag**
as stated in the specification	sealed, see storage below	catalase as active ingredient	pack sizes not stated

SPECIFICATION

IDENTITY		
Active ingredient	Catalase	Typical
CAS No.	9001-05-2	Typical
Grade	Food & industrial	Typical
ACTIVITY		
Enzyme activity	**≥ 200,000 U/g**	Spec
Specification (activity)	**200,000u/g**	Typical
PHYSICAL		
Appearance	**Light green powder**	Spec
Shelf life	12 months	Typical
PURITY AND HYGIENE		
Heavy metals	< 30 mg/kg	Spec
Lead (Pb)	< 5.0 mg/kg	Spec
Arsenic (As)	< 3.0 mg/kg	Spec
Total plate count	< 10,000 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
Bottle, Bag, Aluminum Foil Bag; sizes not stated

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

APPLICATIONS

Remove hydrogen peroxide from milk used to make cheese
Catalase decomposes hydrogen peroxide into oxygen and water

Add to food packaging to prevent food from being oxidized
Limits oxidation of packaged food

Apply in the food and beverage field
Listed application area

Apply in the industrial and cosmetics fields
Listed application areas

Apply in food manufacturing and commercial production
Listed application area

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/pure-natural-enzyme-catalase-powder-cas-9001-05-2-high-enzyme-activity-200000u-g-in-bulk

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