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Catalase Powder 50,000u/g

Catalase powder with a declared activity of 50,000u/g for removing hydrogen peroxide.

SKU **ENZ046** CATEGORY **CATALASE** CAS **9001-05-2** GRADE **FOOD & INDUSTRIAL**

Industrial grade · Not restricted for transport · GMO-free · Produced by submerged fermentation

DECLARED ACTIVITY	SHELF LIFE	FORM	GRADE
50,000u/g	**12 months**	**White powder**	**Food & Industrial**
as stated in the specification	sealed, see storage below	active ingredient: catalase	CAS 9001-05-2

SPECIFICATION

IDENTITY		
Product name	Catalase Powder	Typical
Active ingredient	Catalase	Typical
CAS number	9001-05-2	Typical
ACTIVITY		
Enzyme activity	**≥ 50,000 U/g**	Spec
Antibacterial activity	**Not detected /10 g**	Spec
PHYSICAL		
Appearance	**Light green powder**	Spec
Flash point	120.3±12.6 °C	Typical
PURITY AND HYGIENE		
Coliforms	< 30 CFU/g	Spec
Lead (Pb)	< 5.0 mg/kg	Spec
Arsenic (As)	< 3.0 mg/kg	Spec
Total plate count	< 50,000 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

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

APPLICATIONS

Textile industry
Remove hydrogen peroxide after bleaching and before dyeing.

Papermaking industry
Degrade residual hydrogen peroxide after bleaching.

Electronics industry
Remove hydrogen peroxide after eroding germanium, silicon transistors and semiconductor components.

Food industry
Remove residual hydrogen peroxide and the odor caused by ultraviolet irradiation in milk, egg products and cheese.

Baking
Act as a leavening agent for baking food.

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-bulk-enzyme-catalase-powder-cas-9001-05-2-high-enzyme-activity-50000u-g

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