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TECHNICAL DATA SHEET

TDS-ENZ027-EN · REV. 02 · 2026-11-03

# Laccase Powder 10000u/g

White laccase powder, declared at 10000u/g, graded food and industrial.

SKU **ENZ027** CATEGORY **LACCASE** CAS **80498-15-3** GRADE **FOOD & INDUSTRIAL**

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

| DECLARED ACTIVITY | SHELF LIFE | FORM | PACKAGE |
|---|---|---|---|
| **10000u/g** | **12 months** | **White powder** | **Bottle, Bag, Aluminum Foil Bag** |
| as stated in the specification | sealed, see storage below | appearance as stated | pack types stated |

## SPECIFICATION

| | |
|---|---|
| **IDENTITY** | |
| Product name | Laccase Typical |
| CAS No. | 80498-15-3 Typical |
| Active ingredient | Laccase Typical |
| **ACTIVITY** | |
| Enzyme activity | **≥ 10,000 U/g** Spec |
| Specification | **10000u/g** Typical |
| Test method | HPLC Typical |
| **PHYSICAL** | |
| Appearance | **White to light brown powder** Spec |
| Grade | Food & Industrial 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
**Not stated**

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

## APPLICATIONS

**Treat food industry wastewater**
Laccase catalyzes the oxidation of phenolic compounds

**Clarify wine**
Listed as an application for clarified wine

**Support edible mushroom production**
Listed as an application in edible mushroom production

**Maintain beer stability**
Listed as an application for beer stability

**Indicate Botrytis cinerea infection**
Listed as an application for infection indicators

## 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/laccase-powder-10000u-g-laccase-enzyme-powder-cas-80498-15-3

Ensure appropriate safety measures are in place while handling the product. 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