Laccase Enzyme Powder 10 000U/G

Laccase enzyme powder declared at 10000 U/G, listed for food additive use.

SKU **ENZ009** CATEGORY **LACCASE** ENZYME CLASS **EC1.10.3.2** CAS **80498-15-3** GRADE **FOOD GRADE**

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

DECLARED ACTIVITY
10000 U/G
as stated on the product page

FORM
Powder
laccase enzyme powder

SPECIFICATION

IDENTITY	
CAS number	80498-15-3 Typical
Main ingredient	Laccase Typical
Enzyme class	EC1.10.3.2 Typical
ACTIVITY	
Enzyme activity	**≥ 10,000 U/g** Spec
PHYSICAL	
Appearance	**White to light brown powder** Spec
Density	1.4±0.1 g/cm 3 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 humidity-protected (RH < 60%) at temperature below 25°C

PACK SIZE
Not stated

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

APPLICATIONS

Remove residual polyphenols from beer wort or finished beer.
Polyphenol complexes are removed by filtration, reducing haze risk.

Stabilise apple and grape juice against phenolic oxidation.
Delays polyphenol oxidation to protect taste, colour, odor and mouthfeel.

Remove excess oxygen in beer.
Increases the storage life of beer.

Treat food industry wastewater by bioremediation.
Not stated

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/cas-80498-15-3-food-grade-price-powder-laccase-enzyme

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