Powder Alpha-Amylase High Temperature Enzyme

High-temperature alpha-amylase powder for bread improvement.

SKU **ENZ030** CATEGORY **ALPHA-AMYLASE** CAS **9000-90-2** FUNCTION **FOOD ADDITIVE** COLOR **LIGHT BROWN**

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

DECLARED ACTIVITY
10000U/G-20000U/G
as stated on the product page

FORM
Powder
high-temperature alpha-amylase powder

SPECIFICATION

IDENTITY	
CAS	9000-90-2 Typical
Main ingredient	Alpha-Amylase Typical
Source organism	Bacillus Subtilis Typical
ACTIVITY	
Declared activity	**10000U/G-20000U/G** Typical
PHYSICAL	
Form	Powder Typical
Color	Light Brown Typical

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
Not stated

PACK SIZE
Not stated

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

APPLICATIONS

Convert starch in grain into fermentable sugars for ethanol production.
Breaks starches into fermentable sugars.

Treat cornstarch as the first step in high-fructose corn syrup production.
Produces shorter sugar chains (oligosaccharides).

Degrade starch in food raw materials.
Addresses starch degradation in food raw material.

Add to animal feed to increase starch use from grains.
Increases utilization of starch in grains.

Desize textiles.
Removes sizing during textile processing.

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/powder-alpha-amylase-high-temperature-enzyme-alpha-amylase-for-bread-improver

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