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Alpha-Amylase Powder 10000u/g

Alpha-amylase powder, 10000u/g, hydrolysing alpha-D-1,4 glycosidic linkages in starch into smaller sugars.

SKU **ENZ037** CATEGORY **ALPHA-AMYLASE** CAS **9000-90-2** GRADE **FOOD & INDUSTRIAL**

Industrial grade · Not restricted for transport

DECLARED ACTIVITY	FORM	PACK SIZE	SHELF LIFE
10000u/g	**Yellow Brown Powder**	**1 kg / bag**	**12 months**
as stated in the specification	appearance	package	sealed, see storage below

SPECIFICATION

IDENTITY	
Active ingredient	Alpha-Amylase Typical
CAS No.	9000-90-2 Typical
Grade	Food & Industrial Typical
ACTIVITY	
Activity	**10000u/g** Typical
Test method	HPLC Typical
PHYSICAL	
Appearance	Yellow Brown Powder 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
Store in a cool and dry place, keep away from strong light and heat.

PACK SIZE
1 kg / bag

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

APPLICATIONS

Break down starch in grains into fermentable sugars in ethanol production.
Converts grain starch into fermentable sugars.

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

Measure grain amylase activity by Hagberg-Perten Falling Number or the Phadebas method.
Assesses sprout damage in grain.

Remove starch in dishwashing and starch-removing detergents.
Degrades starch in detergent use.

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/alpha-amylase-10000ug-powder-cas9000902

Ensure proper safety measures are followed while handling this enzyme. 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