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TECHNICAL DATA SHEET

TDS-ENZ246-EN · REV. 02 · 2026-11-03

Aspergillus Acid Protease Enzyme

Aspergillus niger acid protease with declared activity of 50,000u/g to 1,000,000u/g.

SKU **ENZ246** CATEGORY **ACID PROTEASE** CAS **9025-49-4** GRADE **FOOD GRADE**

SOURCE ORGANISM **ASPERGILLUS NIGER**

Food grade Not restricted for transport

DECLARED ACTIVITY

50,000u/g to 1,000,000u/g

as stated on the product page

FORM

Yellow Brown Powder

appearance as stated on the product page

SPECIFICATION

IDENTITY	
Product name	Acid Protease Typical
Active ingredient	Aspergillus acid protease Typical
CAS number	9025-49-4 Typical
Appearance	Yellow Brown Powder Typical
ACTIVITY	
Declared activity	**50,000u/g to 1,000,000u/g** Typical
PHYSICAL	
Density	1.3±0.1 g/cm3 Typical
Flash point	203.6±28.7 °C Typical
Boiling point	413.1±45.0 °C at 760 mmHg 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

Improve saccharifying performance in fuel ethanol production
Increases alcohol yield and releases free α-amino nitrogen for yeast growth

Improve flavor and quality of bread, cake and sausage
Acts as a starch modifier in food production

Block diacetyl formation in beer
Shortens beer maturity

Accelerate proteolysis in feed production
Increases feed utilization and reduces production cost

Increase fur surface gloss in fur processing
Raises dyeing degree and fullness in touch

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-9025-49-4-high-purity-aspergillus-acid-protease-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