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TECHNICAL DATA SHEET

TDS-ENZ170-EN · REV. 02 · 2026-11-03

Alpha Galactosidase Enzyme For Dogs

Alpha-galactosidase for dog feed; breaks down galacto-oligosaccharides in soy-based pet food.

SKU **ENZ170** CATEGORY **ALPHA-GALACTOSIDASE ENZYME** TYPE **ALPHA GALACTOSIDASE**

SOURCE ORGANISM **TRICHODERMA SPP** APPEARANCE **POWDER/GRANULAR, YELLOWISH**

Produced by submerged fermentation

Not restricted for transport

DECLARED ACTIVITY	WORKING TEMPERATURE	OPTIMUM PH	SHELF LIFE
2,000~10,000u/g	**30-60°C**	**4.0–5.0**	**12 months**
as stated on the product page	no optimum stated	stable range 3.5-6.5	sealed, see storage below

SPECIFICATION

IDENTITY		
Type	Alpha galactosidase	Typical
Source organism	Trichoderma spp	Typical
ACTIVITY		
Declared activity	**2,000~10,000u/g**	Typical
PHYSICAL		
Appearance	Powder/Granular, yellowish	Typical
Odour	Normal fermentation odour	Typical
WORKING WINDOW		
Temperature range	30-60°C	Typical
Stable pH range	3.5-6.5	Typical
Optimum pH	4.0-5.0	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
Cool, dry and ventilated place; avoid damp and insolation.

PACK SIZE
1 kg / bag (Package section); 25kgs/bag (Product Attributes)

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

APPLICATIONS

Add to soy-based dog feed formulations
Breaks down galacto-oligosaccharides, reducing flatulence.

Use in complete feed formulations
Degrades non-starch polysaccharides and lowers intestinal viscosity.

Improve nutrient digestion and absorption
Reduces intestinal content viscosity, increasing nutrient hydrolysis.

Consider for growth performance in animal feed
Research reports higher IGF-I secretion and lean meat percentage.

DOSAGE

20 – 50 g per ton

per ton of feedstuff, based on diet and feed composition

Substrate **Complete feed**

Rate depends on diet and feed composition.

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-galactosidase-enzyme-for-dogs

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