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TECHNICAL DATA SHEET

TDS-ENZ335-EN · REV. 02 · 2026-11-03

Xylanase for Botanical Extraction

Food-grade xylanase preparation with a declared activity of 110,000 U/g for botanical extraction.

SKU **ENZ335** CATEGORY **BOTANICAL EXTRACTION ENZYMES** GRADE **FOOD GRADE** CARRIER **MALTODEXTRIN**

APPEARANCE **LIGHT YELLOW SOLID POWDER**

Food grade · Not restricted for transport

DECLARED ACTIVITY	WORKING TEMPERATURE	WORKING PH	SHELF LIFE
110,000 U/g	**40–55 °C**	**4.5–6.0**	**12 months**
as stated on the product page	no optimum stated	no optimum stated	sealed, see storage below

SPECIFICATION

IDENTITY	
Ingredients	Xylanase; carrier: maltodextrin Typical
Appearance	Light yellow solid powder Typical
ACTIVITY	
Enzyme activity	**110,000 U/g** Typical
WORKING WINDOW	
Effective temperature range	40°C–55°C Typical
Effective pH range	4.5–6.0 Typical
PHYSICAL	
Loss on drying	≤ 8.0 % Typical
Particle size (pass rate through 40-mesh sieve)	≥ 80 % Typical
PURITY AND HYGIENE	
Lead (Pb)	≤ 5.0 mg/kg Typical
Total arsenic (as As)	≤ 3.0 mg/kg Typical
Total plate count	≤ 50,000 CFU/g Typical
Coliforms	≤ 30 CFU/g 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
1 kg/bag

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

APPLICATIONS

Extract isoflavones and saponins from herbal material.
Supports extraction of target compounds.

Degrade polysaccharide macromolecular aggregates.
Releases hydrolysis products for recovery.

Reduce slurry and filtrate viscosity in herbal processing.
Improves flowability, filtration and clarification.

DOSAGE

0.3–0.5% (w/w)

w/w, based on dry herbal material

Effective temperature **40°C–55°C**
Effective pH **4.5–6.0**

Apply within the stated rate and operating ranges.
Fine-tune residence time for your raw material and extraction objectives.

Each lot is released against its specification; the lot Certificate of Analysis reports the measured values.

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Online: enzymes.bio/product/xylanase-for-botanical-extraction

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