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TECHNICAL DATA SHEET

TDS-ENZ078-EN · REV. 02 · 2026-11-03

Food Grade Powder Cellulase Enzyme 10 000U/G

Food-grade cellulase enzyme powder with 10,000 U/g activity.

SKU **ENZ078** CATEGORY **CELLULASE** CAS **9012-54-8** GRADE **FOOD GRADE** FORM **POWDER**

Food grade · Produced by submerged fermentation · Not restricted for transport · GMO-free

DECLARED ACTIVITY
10,000 U/g
as stated on the product page

FORM
Powder
food-grade powder

SPECIFICATION

IDENTITY	
Product name	Cellulase Enzyme Typical
Main ingredient	Cellulase Typical
CAS number	9012-54-8 Typical
ACTIVITY	
Enzyme activity	**≥ 10,000 U/g** Spec
PHYSICAL	
Appearance	**Light yellow powder** Spec
Loss on drying	≤ 8.0 % Spec
Form	Powder Typical
Color	White Typical
PURITY AND HYGIENE	
Heavy metals	< 30 mg/kg Spec
Arsenic (As)	< 2.0 mg/kg Spec
Lead (Pb)	< 2.0 mg/kg Spec
Total plate count	≤ 10,000 CFU/g Spec

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 humidity-protected (RH < 60%) at temperature below 25°C

PACK SIZE
Not stated

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

APPLICATIONS

Clarify juice
Hydrolyses cellulose and other carbohydrates.

Extract plant material
Hydrolyses cellulose during plant extraction.

Stonewash garments
Reduces garment damage, machine wear and pumice dust.

Improve fabric colour brightness and feel
Gives a softer, smoother feel and reduces pilling tendency.

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/price-food-grade-powder-cellulase-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