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TECHNICAL DATA SHEET

TDS-ENZ053-EN · REV. 02 · 2026-11-03

Yeast Wall-breaking Enzyme

Complex enzyme of β-glucanase, mannanase and chitosanase for yeast cell wall breaking hydrolysis.

SKU **ENZ053** CATEGORY **YEAST ENZYMES** GRADE **FOOD GRADE** CATEGORY **YEAST ENZYMES**

Food grade Not restricted for transport

FORM
Water-soluble
aqueous solution is an opaque liquid

APPLICATION RATE
Determine by trial
no application rate stated on the product page

SPECIFICATION

IDENTITY

Product type	**Compound enzyme for yeast cell wall breaking** Typical
Main components	β-glucanase, mannanase, chitosanase Typical

PHYSICAL

Solubility	Soluble in water Typical
Aqueous solution appearance	Gray-yellow opaque liquid Typical

FORMULATION COMPATIBILITY

Used together with	Yeast extractase or other compound enzymes for yeast hydrolysis 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

Break yeast cell walls for hydrolysis
Degrades cell wall polysaccharides, loosening the cell structure and releasing proteins for later protease digestion

Re-hydrolyse beer waste yeast and bread waste yeast
Yields yeast extract used as a flavoring in soups, sauces and seasonings

Prepare yeast extract for casual foods
Yeast extract flavoring enhances flavor and taste of products such as spicy small fish and salt chicken legs

Process yeast protein in sauces
Avoids long production time, low yield, poor flavor and high salt content of acid hydrolysis

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/yeast-wall-breaking-enzyme-yeast-cell-wall-breaking-yeast-hydrolysis-complex-enzyme-food-grade

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