



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

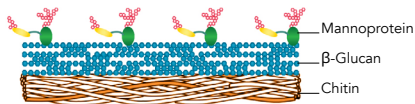
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Description:

Zymolyase Ultra is a novel formulation of enzyme that is optimized for efficient yeast cell wall digestion. It contains enzymes that degrade several different components of yeast cell walls. It is extensively purified using a novel DNA/RNA removal technology that results in extremely low nucleic acid contamination.

Key Features:

- **Ultra Efficient:** > 50 times more efficient than lyticase.
- **Low Bioburden:** Up to 70-fold less DNA contamination compared to other suppliers.
- **Exceptional Solubility & Stability:** Dissolves in seconds and stable for more than 8 freeze-thaw cycles.



Storage:

Lyophilized enzyme is stable at room temperature. After reconstitution, aliquot and store at -20°C .

General Applications:

- Protoplast/Spheroplast preparation.
- Transformation of yeast cells.
- Yeast cell detection and fusion.
- Yeast genetics.
- Yeast plasmid, DNA, RNA and protein purification.
- Yeast lysis for downstream PCR applications.

Components:

Cat.#	Size	Format
E1007T	100 U	Lyophilized
E1007-2	2,000 U	Lyophilized
E1007-10	10,000 U	Lyophilized

Unit Definition:

One lytic unit is defined as catalyzing a 10% decrease in absorbance at 800 nm at 30°C in 30 minutes. Assay condition: 50 mM potassium phosphate, pH 7.5, in 1 ml yeast cell suspension of A_{800} 0.8 to 1.0.

Reconstitution:

Resuspend lyophilized Zymolyase Ultra in nuclease-free water to 5 U/ μ l. Mix by gentle pipetting. For bioburden sensitive applications use autoclaved low-bioburden water.

Application Notes:

- Soluble in water, Tris-Cl and phosphate buffers etc.
- Optimal activity at pH 6.5-8.5 in water, Tris-Cl and phosphate buffers etc. and temperatures between 4-37°C.
- β -mercaptoethanol is not essential but can increase cell lysis efficiency.
- 50 U Zymolyase Ultra can efficiently lyse 1.6×10^8 *Saccharomyces* and 8×10^7 *Candida* cells at 37°C in 30 min.

Technical Support:

1-888-882-9682

tech@zymoresearch.com



ZYMO RESEARCH