

## Native *Arthrobacter luteus* Zymolyase

Cat. No. NATE-0739

Lot. No. (See product label)

### Introduction

**Synonyms** Zymolyase

### Product Information

**Source** *Arthrobacter luteus*

**Form** Lyophilized powder

**Activity** 20U/mg

**pH Stability** 42500

**Optimum pH** 7.5 (35°C) for cell wall lysis; 6.5 (45°C) for hydrolysis of yeast glucan

**Thermal stability** The lytic activity is lost on incubation at 60°C for 5 minutes.

**Activators** SH compounds such as cysteine,  $\beta$ -mercaptoethanol or Dithiothreitol.

**Unit Definition** One lytic unit is defined as catalyzing a 10% decrease in OD800 at 30°C in 30 minutes.

### Storage and Shipping Information

**Storage** -20°C

**Stability** Stable for one year at 4°C.