

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, β -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.