

## Native *Bacillus subtilis* Diacetinase

Cat. No. NATE-0187

Lot. No. (See product label)

### Introduction

**Applications** Used in the formulation of Lipase testing reagents

**Synonyms** Diacetinase; EC 3.1.1-

### Product Information

**Source** *Bacillus subtilis*

**Appearance** Colourless to Yellowish solution

**Form** Liquid

**EC Number** E.C.3.1.1-

**Activity** 0.228 U/mg-0.633 U/mg liquid

**Concentration** < 7.4 mg/mL

**Contaminants** Glucose Oxidase < 0.002 U/mg liquid; Cholesterol Esterase < 0.01%

**pH Stability** 6.0-10.0 (37°C, 60 mins)

**Optimum pH** 7.75

**Thermal stability** Stable at 50°C and below (pH 7.0, 60 mins)

**Unit Definition** One unit of activity is defined as the amount of enzyme that will catalyze the release of 1.0 micromole of fatty acid per minute at 37°C under the standard assay method conditions.