

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.