

Native *Bacillus cereus* β -lactamase Blend

Cat. No. NATE-1628

Lot. No. (See product label)

Introduction

Description β -lactamase inactivates β -lactam antibiotics by breaking open the β -lactam ring.

Applications Useful for assaying penicillins and cephalosporins.

Synonyms β -lactamase; penicillinase; cephalosporinase; neutrapen; penicillin β -lactamase; exopenicillinase; ampicillinase; penicillin amido- β -lactamhydrolase; penicillinase I, II; β -lactamase I-III; β -lactamase A, B, C; β -lactamase AME I; cephalosporin- β -lactamase; EC 3.5.2.6; 9073-60-3

Product Information

Source *Bacillus cereus* 569/H9

Form Lyophilized Powder

EC Number EC 3.5.2.6

CAS No. 9073-60-3

Unit Definition One unit is defined as the amount of enzyme that will hydrolyze 1.0 μ mol benzyl penicillin and 1.0 μ mol of cephalosporin C, respectively, per min at 25°C.

Usage and Packaging

Preparation Instructions Following reconstitution, store in the refrigerator (4°C). Stock solutions are stable for up to 1 month at 4°C.

Storage and Shipping Information

Storage at -20°C. Ok to freeze.