Creative Enzymes®

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 μmol benzyl penicillin and 1.0 μmol 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.