



## Certificate of Analysis

**Product name:**  $\beta$ -LACTAMASE MIX ( $\beta$ -Lactamase I +  $\beta$ -Lactamase II)

**Product code:** # BM1

**Batch:** 030.BM1.00222

**Mfg Date:** June 2022

Tests	Specifications	Results	Comment
Cephalosporinase ( $\beta$ II) Specific Activity (IU/vial)	> 1000	1686	Passed
Penicillinase ( $\beta$ I) Specific Acitivity (IU/vial)	> 10000	27747	Passed

### Unit definition

One International Unit of Cephalosporinase activity is defined as the amount of enzyme that catalyze the hydrolysis of 1.0 micromole of cephalosporin C per minute at 25 °C at pH 7.0.

One Penicillinase International Unit of activity is defined as the amount of enzyme that catalyze the hydrolysis of 1.0 micromole of benzylpenicillin per minute at 25 °C at pH 7.0

### Storage and use conditions

The enzyme is supplied as lyophilized formulation and should be stored between -25 °C and +8 °C.

Dissolve the powder in distilled water. After dissolution insoluble particulates may be appear without affecting the performance of the product.

The product does not contain animal derived components or additives.

**Exp. Date:** June 2025

Quality Assurance

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