



Certificate of Analysis

Product name: β -LACTAMASE MIX (β -Lactamase I + β -Lactamase II)

Product code: # BM1

Batch: 030.BM1.00122

Mfg Date: February 2022

Tests	Specifications	Results	Comment
Cephalosporinase (β II) Specific Activity (IU/vial)	> 1000	1960.80	Passed
Penicillinase (β I) Specific Activity (IU/vial)	> 10000	29626.20	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: February 2025

Quality Assurance

Rosaria Cassese

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