



Certificate of Analysis

Product name: β -Lactamases Mix

Bacillus cereus 569/H9

Product code: # BM5 IR

Batch: 031.00122

Mfg Date: March 2022

Tests	Specifications	Results	Comment
Beta-lactamase II (IU/vial)	> 50	153	Passed
Beta-lactamase I (IU/vial)	> 500	2709	Passed

Unit definition

One International Unit of Beta-lactamase II (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 International Unit of Beta-lactamase I (penicillinase) 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 sterile formulation and should be stored between -25 °C and +8 °C. Dissolve the powder in distilled water.

The product is sterilised by ionizing radiation.

The product does not contain animal derived components or additives.

Exp. Date: March 2025

Quality Assurance

Rosaria Cassese

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