



Certificate of Analysis

Product name: PENICILLINASE MP (Low concentration) (EC 3.5.2.6)

Product code: # PENASE MP-330

Batch: 017.MP330.00123

Mfg Date: February 2023

Tests	Specifications	Results	Comment
Specific Activity (IU/vial)	> 3300	4468	Passed

Unit definition

One 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.

1 International Unit corresponds approximately to 600 Levy Units or 75 Pollock Units.

Appearance

Yellow powder.

Powder reconstitution

Dissolve the powder in distilled water.

Sterilization

The product is not sterile. If necessary, sterilize by filtration. After dissolution, filter using sterile 0.20 µm filters with low protein binding under sterile conditions (p.e. SARTORIUS STEDIM Biotech MINISART 0.20 µm STERILE-E0, Cat n° 17597 or equivalent).

Storage

From -25 °C to +8 °C.

Exp. Date: February 2026

Quality Assurance

Rosaria Cassese

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