



## Certificate of Analysis

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

**Product code: # PENASE MP**

**Batch: 017.MP.00121**

**Mfg Date: April 2021**

Tests	Specifications	Results	Comment
Specific Activity (IU/mg of powder)	> 30	48.97	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.

<sup>1</sup>Equivalent to 35,256 Levy Units/mg of powder

### Thermal stability Test (7 days at 44°C)

Tests	Specifications (%)	Results (%)	Comment
Thermal stability Penicillinase	100 ±15	100	Passed

### Appearance

Yellowish 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: April 2024**

Quality Assurance - Rosaria Cassese

Page 1 of 1

CPC BIOTECH S.r.l.  
Sede Legale e Amministrativa/Registered and account office:  
Via L. Galvani, 1  
20875 Burago di Molgora (MB) – Italia  
Tel. +39 039 6898029  
Fax. +39 039 6899774

Partita IVA 00751490962  
Codice Fiscale 03447450150  
R.E.A.1074257  
Registro Imprese di Monza e Brianza  
Cap. Soc. € 114.000,00 i.v.  
www.cpcbitech.it