



## Certificate of Analysis

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

**Product code: # BM1**

**Batch: 030.BM1.00323**

**Mfg Date:** October 2023

Tests	Specifications	Results	Comment
Cephalosporinase ( $\beta$ II) Specific Activity (IU/vial)	> 1000	1852	Passed
Penicillinase ( $\beta$ I) Specific Activity (IU/vial)	> 10000	20448	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:** October 2026

Quality Assurance

Rosaria Cassese

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