



Certificate of Analysis

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

Product code: # BM1

Batch: 030.BM1.00422

Mfg Date: November 2022

Tests	Specifications	Results	Comment
Cephalosporinase (β II) Specific Activity (IU/vial)	> 1000	1860	Passed
Penicillinase (β I) Specific Activity (IU/vial)	> 10000	26250	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: November 2025

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