



Certificate of Analysis

Product name: β -LACTAMASE CTZ

Product code: # CTZ

Batch: 032.00222

Mfg Date: November 2022

Tests	Specifications	Results	Comment
Cephalosporinase Specific Activity (IU/vial)	> 100	125	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.

Thermal stability Test (7 days at 42°C)

Tests	Specifications	Results	Comment
Thermal stability Cephalosporinase	> 80 %	93 %	Passed

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 is not sterile.

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