



## Certificate of Analysis

**Product name:**  $\beta$ -LACTAMASE CTZ

**Product code:** # CTZ

**Batch:** 032.00122

**Mfg Date:** March 2022

Tests	Specifications	Results	Comment
Cephalosporinase Specific Activity (IU/vial)	> 100	198	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 %	92 %	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:** March 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