



## Certificate of Analysis

Product name: LACTAMATOR™

Product code: # LCT-5 IR

Batch 019.5.00720.IR

Mfg date: November 2020

Tests	Specifications	Results	Comment
Cephalosporinase Specific Activity (U/vial)	> 50	130.5	Passed
Penicillinase Specific Activity (U/vial)	> 500	1643	Passed

### Unit definition

One Cephalosporinase International Unit of 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

1 International Unit corresponds approximately to 600 Levy Units or 75 Pollock Units

### 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 sterile by  $\beta$ -irradiation.**

**Appearance:** white powder.

The product does not contain animal derived components or additives.

**Exp. Date:** November 2024

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.cpcbiotech.it