



Certificate of Analysis

Product name: LACTAMATOR™

Product code: # LCT-5 IR

Batch 019.5.00123.IR

Mfg date: January 2023

Tests	Specifications	Results	Comment
Cephalosporinase Specific Activity (U/vial)	> 50	116	Passed
Penicillinase Specific Acitivity (U/vial)	> 500	1600	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 β -irradiation.

Appearance: white powder.

The product does not contain animal derived components or additives.

Exp. Date: January 2027

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