



Certificate of Analysis

Product name: LACTAMATOR™
Product code: # LCT-LQS10 (Sterile Liquid)
Batch: 019.LQS.00223

Mfg Date: November 2023

Tests	Specifications	Results	Comment
Cephalosporinase Activity (IU/ml)	> 10	19	Passed
Penicillinase Acitivity (IU/ml)	> 100	210	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.
- One Penicillinase International Unit corresponds approximately to 600 Levy Units or 75 Pollock Units.

Tests	Specifications	Results	Comment
Thermal stability Cephalosporinase (7 days at 42°C)	> 80 %	86	Passed
Thermal stability Penicillinase (7 days at 42°C)	> 80 %	81	Passed
Sterility ¹	conform	conform	Passed

Appearance

Yellowish liquid clear solution. Small white particles maybe present in suspension.

Storage

Store from +2°C to + 8°C
The product does not contain animal derived components or additives.

Exp. Date: November 2027

Quality Assurance
Rosaria Cassese

¹ Sterility test according to EU.Ph.