



Certificate of Analysis

Product name: LACTAMATOR™

Product code: # LCT-50

Batch: 019.50.00123

Mfg Date: March 2023

Tests	Specifications	Results	Comment
Cephalosporinase Specific Activity (<i>IU/vial</i>)	> 5000	7981	Passed
Penicillinase Specific Activity (<i>IU/vial</i>)	> 50000	100960	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.

Appearance: white powder.

The product does not contain animal derived components or additives.

Exp. Date: March 2026

Quality Assurance

Rosaria Cassese

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