



Certificate of Analysis

Product name: LACTAMATOR™

Product code: # LCT-20

Batch: 019.20.00222

Mfg Date: June 2022

Tests	Specifications	Results	Comment
Cephalosporinase Specific Activity (IU/vial)	> 2000	4470	Passed
Penicillinase Specific Activity (IU/vial)	> 20000	63813	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: June 2025

Quality Assurance

Rosaria Cassese

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