

Certificate of Analysis

Product: Lysozyme

Code: MB-109-1000

Lot # 20183

Size: 1.0 g

Source: Hen Egg White

Physical State: Lyophilized

Preparation: Prepared by 2X crystallization

Absorbance Data: A_{280} at 1 mg/ml = 2.65

Specific Activity: 18,070 units/mg dry weight

% Protein: 100

Buffer Composition: Lyophilized powder contains sodium acetate and sodium chloride.

Application(s): Suitable for lysing bacterial cell walls for extraction of plasmid DNA. Extensively used for dissociation procedures for tissues and cells. Catalyzes the breakdown of the cell wall in certain microorganisms.

Storage Conditions: Store vial at 2° to 8° C upon receipt. Expiration date is six (6) months from date of opening vial.

Unit Definition: One unit is equal to a decrease in turbidity of 0.001 A_{450} nm per minute at 25° C, pH 7.0, using a 0.3 mg/ml suspension of *Micrococcus lysodeikticus* cells as a substrate.

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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