

Certificate of Analysis

Product: Lambda Phage DNA

Source: *E.coli* W8850 (lambda CI857-S7); isolated from CsCl purified lambda phage

Code: MB-104-0500

Lot # 19787

Size: 500 g

Physical State: Liquid (sterile filtered)

A_{260}/A_{280} : 1.87

DNA Concentration: 867 g/ml

Buffer Composition: A solution in 10 mM Tris-Cl and 1 mM EDTA, pH 8.0.

Application(s): Suitable for use as a control, standard or substrate.

Storage Conditions: Store vial at -20° or below upon receipt. Expiration date is six (6) months from date of opening vial.

Unit Definition: Not applicable

Preparation: Prepared by Cesium Chloride density gradient centrifugation. DNA is homogenous by agarose gel electrophoresis (AGE). Generates the characteristic 5 bands and 8 bands after EcoRI and HindIII digestion, respectively.

Other Enzymatic Activity: Nuclease – none detected after incubation of 7 g Lambda DNA for 24 hours in 10 mM Tris-Cl, 10 mM Magnesium Chloride, pH 8.0 at 37° C in a total volume of 20 l.

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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