

Product Specification Sheet

Product: Lambda Phage DNA

Source: E.coli W8850 (cIS8757). Isolated from CsCl purified lambda phage

Code: MB-104-0500

Lot # 5253

Size: 500 µg

Physical State: Liquid (sterile filtered)

A₂₆₀/A₂₈₀: 1.80

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 colder 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 7 bands after EcoRI and Hind III digestion respectively.

Other Enzymatic Activity: Nuclease – none detected after incubation of 7 µg 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 µl.

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.