

New England Biolabs Certificate of Analysis

Product Name: *Lambda DNA-BstE II Digest*
Catalog Number: *N3014S*
Concentration: *500 µg/ml*
Unit Definition: *N/A*
Packaging Lot Number: *10141661*
Expiration Date: *03/2024*
Storage Temperature: *-20°C*
Storage Conditions: *10 mM Tris-HCl (pH 8.0), 1 mM EDTA*
Specification Version: *PS-N3014S/L v1.0*

Lambda DNA-BstE II Digest Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N3014SVIAL	Lambda DNA-BstE II Digest	10141660	Pass
B7025SVIAL	Gel Loading Dye, Purple (6X), no SDS	10132771	Pass

Assay Name/Specification	Lot # 10141661
A260/A280 Assay The ratio of UV absorption of λ DNA-BstEII Digest at 260 and 280 nm is between 1.8 and 2.0.	Pass
Electrophoretic Pattern (Marker) The banding pattern of λ DNA-BstEII Digest on a 1.2% agarose gel shows discrete, clearly identifiable bands at each band of the marker, when stained with Ethidium Bromide at a concentration of 0.5 µg/ml.	Pass
DNA Concentration (A260) The concentration of λ DNA-BstEII Digest is between 500 and 550 µg/ml as determined by UV absorption at 260 nm.	Pass
Non-Specific DNase Activity (DNA, 16 hour) A 50 µl reaction in 1X NEBuffer 2 containing 2.5 µg of λ DNA-BstEII Digest incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis.	Pass

This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



Vanessa Mathieu-Sheltry
Production Scientist
16 Mar 2022



Michael Tonello
Packaging Quality Control Inspector
16 Mar 2022