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New England Biolabs Certificate of Analysis

Product Name: Nhel
Catalog Number: R0131S
Concentration: 10,000 U/ml

Unit Definition: One unit is defined as the amount of enzyme required to digest 1 µg

of Lambda DNA (HindIII digest) in 1 hour at 37°C in a total reaction

volume of 50 μl.

Packaging Lot Number: 10091136
Expiration Date: 12/2021
Storage Temperature: -20°C

Storage Conditions: 250 mM NaCl, 10 mM Tris-HCl (pH 7.4), 1 mM DTT, 0.1 mM EDTA, 50%

Glycerol, 0.15% Triton X-100, 200 µg/ml BSA

Specification Version: PS-R0131S/L v1.0

Nhel Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
R0131SVIAL	Nhel	10063026	Pass	
B7202SVIAL	NEBuffer™ 2.1	10087450	Pass	
B7024AVIAL	Gel Loading Dye, Purple (6X)	10084972	Pass	

Pass
Pass
Pass
Pass
Pass
Pass



R0131S / Lot: 10091136



Assay Name/Specification	Lot # 10091136
minimum of 10 Units of Nhel incubated for 4 hours at 37°C results in <20% conversion	
to the nicked form as determined by agarose gel electrophoresis.	

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.

Penghua Zhang Production Scientist

17 Nov 2020

Michael Tonello

Packaging Quality Control Inspector

17 Nov 2020



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