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New England Biolabs Certificate of Analysis

Product Name: Quick-Load® 100 bp DNA Ladder

Catalog Number:N0467SConcentration:50 μg/mlUnit Definition:N/A

Lot Number: 10017707
Expiration Date: 03/2020
Storage Temperature: 4°C

Storage Conditions: 3.3 mM Tris-HCl (pH 8.0), 11 mM EDTA, 0.015 % Bromophenol Blue,

0.017 % SDS, 2.5 % Ficoll 400

Specification Version: PS-N0467S/L v1.0

Quick-Load® 100 bp DNA Ladder Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
N0467SVIAL	Quick-Load® 100 bp DNA Ladder	0561803	Pass	

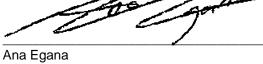
Assay Name/Specification	Lot # 10017707
DNA Concentration (A260) The concentration of Quick-Load® 100 bp DNA Ladder is between 50 and 55 µg/ml as	Pass
determined by UV absorption at 260 nm.	
Electrophoretic Pattern (Marker)	Pass
The banding pattern of Quick-Load® 100 bp DNA Ladder on a 1.2% agarose gel shows discrete, clearly identifiable bands at each band of the marker, when stained with	
Ethidium Bromide at a concentration of 0.5 μg/ml.	
Non-Specific DNase Activity (DNA, 16 hour)	Pass
A 50 µl reaction in 1X NEBuffer 2 containing 2.5 µg of Quick-Load® 100 bp DNA Ladder	
incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease	
degradation as determined by agarose gel electrophoresis.	

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



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Ana Egana
Production Scientist
01 Aug 2018

Michael Tonello

Packaging Quality Control Inspector

01 Aug 2018