

## New England Biolabs Certificate of Analysis

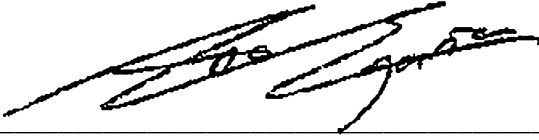
**Product Name:** Quick-Load® 100 bp DNA Ladder  
**Catalog Number:** N0467L  
**Concentration:** 50 µg/ml  
**Unit Definition:** N/A  
**Packaging Lot Number:** 10092865  
**Expiration Date:** 12/2022  
**Storage Temperature:** 4°C  
**Storage Conditions:** 3.3 mM Tris-HCl (pH 8.0), 11 mM EDTA , 0.015 % 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 | 10092863   | Pass                 |

| Assay Name/Specification  | Lot # 10092865 |
|---|----------------|
| <b>Non-Specific DNase Activity (DNA, 16 hour)</b><br>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. | Pass           |
| <b>DNA Concentration (A260)</b><br>The concentration of Quick-Load® 100 bp DNA Ladder is between 50 and 55 µg/ml as determined by UV absorption at 260 nm.  | Pass           |
| <b>Electrophoretic Pattern (Marker)</b><br>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.                        | 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](http://www.neb.com/trademarks) for additional information.



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02 Mar 2021



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Michael Tonello  
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02 Mar 2021