

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> End Repair Module  
 Catalog Number: E6050S  
 Packaging Lot Number: 10071091  
 Expiration Date: 03/2022  
 Storage Temperature: -20°C  
 Specification Version: PS-E6050S/L v1.0

| NEBNext <sup>®</sup> End Repair Module Component List |   |            |                      |
|---|---|------------|----------------------|
| NEB Part Number                                       | Component Description                           | Lot Number | Individual QC Result |
| E6052AVIAL  | NEBNext <sup>®</sup> End Repair Reaction Buffer | 10071093   | Pass                 |
| E6051AVIAL  | NEBNext <sup>®</sup> End Repair Enzyme Mix      | 10071092   | Pass                 |

| Assay Name/Specification  | Lot # 10071091          |
|---|-------------------------|
| <p><b>* Individual Product Component Note</b><br/>           Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> End Repair Module and meet the designated specifications.</p> <p><b>Functional Testing (Library Construction, DNA Modules)</b><br/>           Each set of reagents is functionally validated and compared to a previous lot through construction of DNA libraries. Libraries made from previous and current lots for the recommended input DNA amounts are sequenced together on the same Illumina<sup>®</sup> flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.</p> | <p>Pass</p> <p>Pass</p> |

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.

*Christine Sumner*

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Christine Sumner  
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20 May 2020

*Michael Tonello*

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Michael Tonello  
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11 Aug 2020