

## New England Biolabs Certificate of Analysis

*Product Name:* NEBNext® End Repair Module  
*Catalog Number:* E6050S  
*Packaging Lot Number:* 10245761  
*Expiration Date:* 07/2026  
*Storage Temperature:* -20°C  
*Specification Version:* PS-E6050S/L v1.0

NEBNext® End Repair Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E6052AVIAL	NEBNext® End Repair Reaction Buffer	10245763	Pass
E6051AVIAL	NEBNext® End Repair Enzyme Mix	10245762	Pass

Assay Name/Specification	Lot # 10245761
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext® End Repair Module and meet the designated specifications.	Pass
<b>Functional Testing (Library Construction, DNA Modules)</b> 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® flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.	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.

*Christine Sumner*

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Christine Sumner  
Production Scientist  
29 Jul 2024

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
26 Sep 2024