

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> End Repair Module  
 Catalog Number: E6050S  
 Packaging Lot Number: 10075981  
 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 # 10075981
<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 <sup>®</sup> flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.	Pass
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext <sup>®</sup> End Repair Module and meet the designated specifications.	Pass

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



Christine Sumner  
Production Scientist  
20 May 2020



Josh Hersey  
Packaging Quality Control Inspector  
20 May 2020