

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> End Repair Module  
**Catalog Number:** E6050L  
**Packaging Lot Number:** 10048724  
**Expiration Date:** 04/2021  
**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
E6052AAVIAL	NEBNext <sup>®</sup> End Repair Reaction Buffer	10048726	Pass
E6051AAVIAL	NEBNext <sup>®</sup> End Repair Enzyme Mix	10048725	Pass

Assay Name/Specification	Lot # 10048724
<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.	<b>Pass</b>
<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.	<b>Pass</b>

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



Christine Sumner  
Production Scientist  
16 Oct 2019



Michael Tonello  
Packaging Quality Control Inspector  
16 Oct 2019