

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Ultra<sup>™</sup> II End Repair/dA-Tailing Module  
 Catalog Number: E7546L  
 Lot Number: 10019620  
 Expiration Date: 05/2019  
 Storage Temperature: -20°C  
 Specification Version: PS-E7546S/L v1.0

NEBNext <sup>®</sup> Ultra <sup>™</sup> II End Repair/dA-Tailing Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7647AAVIAL	NEBNext <sup>®</sup> Ultra <sup>™</sup> II End Prep Reaction Buffer	10008028	Pass
E7646AAVIAL	NEBNext <sup>®</sup> Ultra <sup>™</sup> II End Prep Enzyme Mix	10008027	Pass

Assay Name/Specification	Lot # 10019620
<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> Ultra <sup>™</sup> II End Repair/dA-Tailing 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  
17 Aug 2018



Josh Hersey  
Packaging Quality Control Inspector  
17 Aug 2018