

## New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ II End Repair/dA-Tailing Module  
 Catalog Number: E7546S  
 Packaging Lot Number: 10059709  
 Expiration Date: 12/2020  
 Storage Temperature: -20°C  
 Specification Version: PS-E7546S/L v1.0

NEBNext® Ultra™ II End Repair/dA-Tailing Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7647AVIAL	NEBNext® Ultra™ II End Prep Reaction Buffer	10059711	Pass
E7646AVIAL	NEBNext® Ultra™ II End Prep Enzyme Mix	10059710	Pass

Assay Name/Specification	Lot # 10059709
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEBNext® Ultra™ II End Repair/dA-Tailing Module and meet the designated specifications.</p> <p><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.</p>	<p>Pass</p> <p>Pass</p>

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



Christine Sumner  
 Production Scientist  
 26 Dec 2019



Josh Hersey  
 Packaging Quality Control Inspector  
 15 Mar 2020