

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Ultra<sup>™</sup> II End Repair/dA-Tailing Module  
 Catalog Number: E7546L  
 Packaging Lot Number: 10227878  
 Expiration Date: 12/2024  
 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	10222528	Pass
E7646AAVIAL	NEBNext <sup>®</sup> Ultra <sup>™</sup> II End Prep Enzyme Mix	10222527	Pass

Assay Name/Specification	Lot # 10227878
<p><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.</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<sup>®</sup> 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.

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  
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16 Jan 2024

*Michael Tonello*

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Packaging Quality Control Inspector  
16 Jan 2024