

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Ultra<sup>™</sup> II End Repair/dA-Tailing Module  
**Catalog Number:** E7546S  
**Packaging Lot Number:** 10228096  
**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
E7647AVIAL	NEBNext <sup>®</sup> Ultra <sup>™</sup> II End Prep Reaction Buffer	10222532	Pass
E7646AVIAL	NEBNext <sup>®</sup> Ultra <sup>™</sup> II End Prep Enzyme Mix	10222531	Pass

Assay Name/Specification	Lot # 10228096
<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>	<b>Pass</b>
<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>	<b>Pass</b>

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  
Production Scientist  
18 Jan 2024

*Josh Hersey*

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Josh Hersey  
Packaging Quality Control Inspector  
18 Jan 2024