

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Ultra™ II End Repair/dA-Tailing Module  
**Catalog Number:** E7546L  
**Packaging Lot Number:** 10262980  
**Expiration Date:** 09/2025  
**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
E7647AAVIAL	NEBNext® Ultra™ II End Prep Reaction Buffer	10254628	<b>Pass</b>
E7646AAVIAL	NEBNext® Ultra™ II End Prep Enzyme Mix	10254627	<b>Pass</b>

Assay Name/Specification	Lot # 10262980
<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>	<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® 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.



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11 Oct 2024



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Josh Hersey  
Packaging Quality Control Inspector  
11 Oct 2024