

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Ultra™ II Ligation Module  
**Catalog Number:** E7595S  
**Packaging Lot Number:** 10254635  
**Expiration Date:** 09/2025  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7595S/L v1.0

NEBNext® Ultra™ II Ligation Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7648AVIAL	NEBNext® Ultra™ II Ligation Master Mix	10254637	<b>Pass</b>
E7374AVIAL	NEBNext® Ligation Enhancer	10254636	<b>Pass</b>

Assay Name/Specification	Lot # 10254635
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext® Ultra™ II Ligation Module and meet the designated specifications.	<b>Pass</b>
<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.	<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  
10 Oct 2024

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
16 Jan 2025