

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Ultra<sup>™</sup> Ligation Module  
 Catalog Number: E7445L  
 Packaging Lot Number: 10177323  
 Expiration Date: 08/2024  
 Storage Temperature: -20°C  
 Specification Version: PS-E7445S/L v1.0

NEBNext <sup>®</sup> Ultra <sup>™</sup> Ligation Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7374AAVIAL	NEBNext <sup>®</sup> Ligation Enhancer	10177324	Pass
E7373AAVIAL	Blunt/TA Ligase Master Mix	10177325	Pass

Assay Name/Specification	Lot # 10177323
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Ultra<sup>™</sup> Ligation 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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08 Mar 2023

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
17 Mar 2023