

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Ultra<sup>™</sup> Ligation Module  
 Catalog Number: E7445S  
 Packaging Lot Number: 10066980  
 Expiration Date: 12/2020  
 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
E7374AVIAL	NEBNext <sup>®</sup> Ligation Enhancer	10044407	Pass
E7373AVIAL	Blunt/TA Ligase Master Mix	10044408	Pass

Assay Name/Specification	Lot # 10066980
<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.	<b>Pass</b>
<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.	<b>Pass</b>

This product has been tested and shown to be in compliance with all specifications.



Christine Sumner  
Production Scientist  
03 Feb 2020



Michael Tonello  
Packaging Quality Control Inspector  
03 Feb 2020