

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Ultra<sup>™</sup> II Ligation Module  
 Catalog Number: E7595S  
 Packaging Lot Number: 10075354  
 Expiration Date: 05/2021  
 Storage Temperature: -20°C  
 Specification Version: PS-E7595S/L v1.0

NEBNext <sup>®</sup> Ultra <sup>™</sup> II Ligation Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7648AVIAL	NEBNext <sup>®</sup> Ultra <sup>™</sup> II Ligation Master Mix	10074918	Pass
E7374AVIAL	NEBNext <sup>®</sup> Ligation Enhancer	10074917	Pass

Assay Name/Specification	Lot # 10075354
<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 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.



Christine Sumner  
Production Scientist  
11 May 2020



Jay Minichiello  
Packaging Quality Control Inspector  
11 May 2020