

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Ultra™ II Ligation Module  
**Catalog Number:** E7595S  
**Lot Number:** 10024801  
**Expiration Date:** 10/2019  
**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	10024803	Pass
E7374AVIAL	NEBNext® Ligation Enhancer	10024802	Pass

Assay Name/Specification	Lot # 10024801
<p><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.</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.



Christine Sumner  
Production Scientist  
29 Nov 2018



Michael Tonello  
Packaging Quality Control Inspector  
29 Nov 2018