

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Ultra™ End Repair/dA-Tailing Module  
**Catalog Number:** E7442L  
**Lot Number:** 10020455  
**Expiration Date:** 03/2020  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7442S/L v1.0

NEBNext® Ultra™ End Repair/dA-Tailing Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7372AAVIAL	NEBNext® End Repair Reaction Buffer	10020457	Pass
E7371AAVIAL	NEBNext® End Prep Enzyme Mix	10020456	Pass

Assay Name/Specification	Lot # 10020455
<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>
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext® Ultra™ End Repair/dA-Tailing 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  
18 Sep 2018



Michael Tonello  
Packaging Quality Control Inspector  
18 Sep 2018