

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ End Repair/dA-Tailing Module
 Catalog Number: E7442S
 Lot Number: 10054379
 Expiration Date: 12/2020
 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
E7372AVIAL	NEBNext® End Repair Reaction Buffer	10044402	Pass
E7371AVIAL	NEBNext® End Prep Enzyme Mix	10044401	Pass

Assay Name/Specification	Lot # 10054379
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Ultra™ End Repair/dA-Tailing Module and meet the designated specifications.</p>	Pass
<p>Functional Testing (Library Construction, DNA Modules) 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>	Pass

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



Christine Sumner
Production Scientist
26 Aug 2019



Michael Tonello
Packaging Quality Control Inspector
26 Aug 2019