

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Ultra™ II End Repair/dA-Tailing Module
Catalog Number: E7546S
Lot Number: 10017890
Expiration Date: 05/2019
Storage Temperature: -20°C
Specification Version: PS-E7546S/L v1.0

NEBNext® Ultra™ II End Repair/dA-Tailing Module Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7647AVIAL	NEBNext® Ultra™ II End Prep Reaction Buffer	10008031	Pass
E7646AVIAL	NEBNext® Ultra™ II End Prep Enzyme Mix	10008030	Pass

Assay Name/Specification	Lot # 10017890
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Ultra™ II 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
03 Aug 2018



Michael Tonello
Packaging Quality Control Inspector
03 Aug 2018