

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Ultra[™] II End Repair/dA-Tailing Module
 Catalog Number: E7546S
 Packaging Lot Number: 10072481
 Expiration Date: 03/2021
 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 | 10071187 | Pass |
| E7646AVIAL | NEBNext [®] Ultra [™] II End Prep Enzyme Mix | 10071186 | Pass |

| Assay Name/Specification | Lot # 10072481 |
|--|----------------|
| 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. | Pass |
| * 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. | Pass |

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



Christine Sumner
Production Scientist
30 Mar 2020



Jay Minichiello
Packaging Quality Control Inspector
30 Mar 2020