

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Multiplex Oligos for Illumina[®] (Unique Dual Index UMI Adaptors DNA Set 4)
Catalog Number: E7878L
Packaging Lot Number: 10192304
Expiration Date: 11/2024
Storage Temperature: -20°C
Specification Version: PS-E7878S/L v1.0

| NEBNext [®] Multiplex Oligos for Illumina [®] (Unique Dual Index UMI Adaptors DNA Set 4) Component List | | | |
|---|--|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E7879AVIAL | NEBNext [®] UMI DNA Adaptor Plate Set 4 | 10169781 | Pass |
| E7398AAVIAL | NEBNext [®] UMI Adaptor Dilution Buffer | 10169783 | Pass |
| E7397AAVIAL | NEBNext [®] Primer Mix | 10192275 | Pass |

| Assay Name/Specification | Lot # 10192304 |
|--|-------------------------|
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext[®] Multiplex Oligos for Illumina[®] (Unique Dual Index UMI Adaptors DNA Set 4) and meet the designated specifications.</p> <p>Functional Testing (Library Construction, Oligo) Each of the components are functionally validated through construction of libraries made from commercially available genomic DNA. Libraries are made from each unique barcoded oligonucleotide and 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> | <p>Pass</p> <p>Pass</p> |

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.

Christine Sumner

Christine Sumner
Production Scientist
11 May 2023

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
11 May 2023