

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Unique Dual Index UMI Adaptors DNA Set 3)  
**Catalog Number:** E7876S  
**Packaging Lot Number:** 10188325  
**Expiration Date:** 11/2024  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7876S/L v1.0

NEBNext <sup>®</sup> Multiplex Oligos for Illumina <sup>®</sup> (Unique Dual Index UMI Adaptors DNA Set 3) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7877AVIAL	NEBNext <sup>®</sup> UMI DNA Adaptor Plate Set 3	10182173	Pass
E7398AVIAL	NEBNext <sup>®</sup> UMI Adaptor Dilution Buffer	10182175	Pass
E7397AVIAL	NEBNext <sup>®</sup> Primer Mix	10182174	Pass

Assay Name/Specification	Lot # 10188325
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Unique Dual Index UMI Adaptors DNA Set 3) ## and meet the designated specifications.</p>	Pass
<p><b>Functional Testing (Library Construction, Oligo)</b>            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<sup>®</sup> 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.

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

*Christine Sumner*

---

Christine Sumner  
Production Scientist  
14 Apr 2023

*Michael Tonello*

---

Michael Tonello  
Packaging Quality Control Inspector  
14 Apr 2023