

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1)  
**Catalog Number:** E7600S  
**Packaging Lot Number:** 10077664  
**Expiration Date:** 01/2022  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7600S v1.0

NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7622AVIAL	NEBNext® i712 Primer	10059772	Pass
E7621AVIAL	NEBNext® i711 Primer	10059771	Pass
E7620AVIAL	NEBNext® i710 Primer	10059770	Pass
E7619AVIAL	NEBNext® i709 Primer	10059769	Pass
E7618AVIAL	NEBNext® i708 Primer	10059768	Pass
E7617AVIAL	NEBNext® i707 Primer	10059767	Pass
E7616AVIAL	NEBNext® i706 Primer	10059766	Pass
E7615AVIAL	NEBNext® i705 Primer	10059765	Pass
E7614AVIAL	NEBNext® i704 Primer	10059764	Pass
E7613AVIAL	NEBNext® i703 Primer	10059763	Pass
E7612AVIAL	NEBNext® i702 Primer	10059762	Pass
E7611AVIAL	NEBNext® i701 Primer	10059761	Pass
E7610AVIAL	NEBNext® i508 Primer	10059760	Pass
E7609AVIAL	NEBNext® i507 Primer	10059759	Pass
E7608AVIAL	NEBNext® i506 Primer	10059758	Pass
E7607AVIAL	NEBNext® i505 Primer	10059757	Pass
E7606AVIAL	NEBNext® i504 Primer	10059756	Pass
E7605AVIAL	NEBNext® i503 Primer	10059755	Pass
E7604AVIAL	NEBNext® i502 Primer	10059754	Pass
E7603AVIAL	NEBNext® i501 Primer	10059753	Pass
E7602AVIAL	USER Enzyme	10059752	Pass
E7601AVIAL	NEBNext® Adaptor for Illumina®	10059751	Pass

<b>Assay Name/Specification</b>	<b>Lot # 10077664</b>
<b>Functional Testing (Library Construction, Oligo)</b>	<b>Pass</b>

Assay Name/Specification	Lot # 10077664
<p>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> <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> (Dual Index Primers Set 1) and meet the designated specifications.</p>	<p><b>Pass</b></p>

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



Christine Sumner  
Production Scientist  
19 Jun 2020



Josh Hersey  
Packaging Quality Control Inspector  
19 Jun 2020