

## New England Biolabs Certificate of Analysis

Product Name: *NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1)*  
 Catalog Number: *E7600S*  
 Packaging Lot Number: *10204917*  
 Expiration Date: *06/2025*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E7600S v1.0*

<b>NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1) Component List</b>			
<b>NEB Part Number</b>	<b>Component Description</b>	<b>Lot Number</b>	<b>Individual QC Result</b>
E7622AVIAL	NEBNext® i712 Primer	10193317	Pass
E7621AVIAL	NEBNext® i711 Primer	10193316	Pass
E7620AVIAL	NEBNext® i710 Primer	10193315	Pass
E7619AVIAL	NEBNext® i709 Primer	10193314	Pass
E7618AVIAL	NEBNext® i708 Primer	10193313	Pass
E7617AVIAL	NEBNext® i707 Primer	10193312	Pass
E7616AVIAL	NEBNext® i706 Primer	10193311	Pass
E7615AVIAL	NEBNext® i705 Primer	10193310	Pass
E7614AVIAL	NEBNext® i704 Primer	10193309	Pass
E7613AVIAL	NEBNext® i703 Primer	10193308	Pass
E7612AVIAL	NEBNext® i702 Primer	10193307	Pass
E7611AVIAL	NEBNext® i701 Primer	10193305	Pass
E7610AVIAL	NEBNext® i508 Primer	10193303	Pass
E7609AVIAL	NEBNext® i507 Primer	10193302	Pass
E7608AVIAL	NEBNext® i506 Primer	10193301	Pass
E7607AVIAL	NEBNext® i505 Primer	10193300	Pass
E7606AVIAL	NEBNext® i504 Primer	10193299	Pass
E7605AVIAL	NEBNext® i503 Primer	10193298	Pass
E7604AVIAL	NEBNext® i502 Primer	10193297	Pass
E7603AVIAL	NEBNext® i501 Primer	10193296	Pass
E7602AVIAL	USER Enzyme	10193295	Pass
E7601AVIAL	NEBNext® Adaptor for Illumina®	10193294	Pass

<b>Assay Name/Specification</b>	<b>Lot # 10204917</b>
<b>* Individual Product Component Note</b>	<b>Pass</b>

Assay Name/Specification	Lot # 10204917
<p>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>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>	<p><b>Pass</b></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](http://www.neb.com/trademarks) for additional information.



Christine Sumner  
Production Scientist  
16 Aug 2023



Michael Tonello  
Packaging Quality Control Inspector  
16 Aug 2023