

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext Multiplex Oligos for Illumina (Dual Index Primers Set 2)  
**Catalog Number:** E7780S  
**Packaging Lot Number:** 10196592  
**Expiration Date:** 05/2025  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7780S v1.0

NEBNext Multiplex Oligos for Illumina (Dual Index Primers Set 2) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7800AVIAL	NEBNext® i724 Primer	10188662	Pass
E7799AVIAL	NEBNext® i723 Primer	10188661	Pass
E7798AVIAL	NEBNext® i722 Primer	10188660	Pass
E7797AVIAL	NEBNext® i721 Primer	10188659	Pass
E7796AVIAL	NEBNext® i720 Primer	10188658	Pass
E7795AVIAL	NEBNext® i719 Primer	10188657	Pass
E7794AVIAL	NEBNext® i718 Primer	10188656	Pass
E7793AVIAL	NEBNext® i717 Primer	10188655	Pass
E7792AVIAL	NEBNext® i716 Primer	10188654	Pass
E7791AVIAL	NEBNext® i715 Primer	10188653	Pass
E7790AVIAL	NEBNext® i714 Primer	10188652	Pass
E7789AVIAL	NEBNext® i713 Primer	10188651	Pass
E7788AVIAL	NEBNext® i516 Primer	10188650	Pass
E7787AVIAL	NEBNext® i515 Primer	10188649	Pass
E7786AVIAL	NEBNext® i514 Primer	10188648	Pass
E7785AVIAL	NEBNext® i513 Primer	10188647	Pass
E7784AVIAL	NEBNext® i512 Primer	10188646	Pass
E7783AVIAL	NEBNext® i511 Primer	10188645	Pass
E7782AVIAL	NEBNext® i510 Primer	10188644	Pass
E7781AVIAL	NEBNext® i509 Primer	10188643	Pass
E7602AVIAL	USER Enzyme	10188642	Pass
E7601AVIAL	NEBNext® Adaptor for Illumina®	10188641	Pass

<b>Assay Name/Specification</b>	<b>Lot # 10196592</b>
<b>* Individual Product Component Note</b>	<b>Pass</b>

Assay Name/Specification	Lot # 10196592
<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 2) and meet the designated specifications.</p> <p><b>Functional Testing (Library Construction, Oligo)</b> Each set of reagents is 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><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  
15 Jun 2023



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Packaging Quality Control Inspector  
15 Jun 2023