

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext Multiplex Oligos for Illumina (Dual Index Primers Set 2)  
**Catalog Number:** E7780S  
**Lot Number:** 10055459  
**Expiration Date:** 08/2021  
**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	10047449	Pass
E7799AVIAL	NEBNext® i723 Primer	10047448	Pass
E7798AVIAL	NEBNext® i722 Primer	10047447	Pass
E7797AVIAL	NEBNext® i721 Primer	10047446	Pass
E7796AVIAL	NEBNext® i720 Primer	10047445	Pass
E7795AVIAL	NEBNext® i719 Primer	10047444	Pass
E7794AVIAL	NEBNext® i718 Primer	10047443	Pass
E7793AVIAL	NEBNext® i717 Primer	10047442	Pass
E7792AVIAL	NEBNext® i716 Primer	10047441	Pass
E7791AVIAL	NEBNext® i715 Primer	10047440	Pass
E7790AVIAL	NEBNext® i714 Primer	10047438	Pass
E7789AVIAL	NEBNext® i713 Primer	10047437	Pass
E7788AVIAL	NEBNext® i516 Primer	10047436	Pass
E7787AVIAL	NEBNext® i515 Primer	10047435	Pass
E7786AVIAL	NEBNext® i514 Primer	10047434	Pass
E7785AVIAL	NEBNext® i513 Primer	10047433	Pass
E7784AVIAL	NEBNext® i512 Primer	10047432	Pass
E7783AVIAL	NEBNext® i511 Primer	10047431	Pass
E7782AVIAL	NEBNext® i510 Primer	10047430	Pass
E7781AVIAL	NEBNext® i509 Primer	10047429	Pass
E7602AVIAL	USER Enzyme	10047439	Pass
E7601AVIAL	NEBNext® Adaptor for Illumina®	10047428	Pass

<b>Assay Name/Specification</b>	<b>Lot # 10055459</b>
<b>Functional Testing (Library Construction, Oligo)</b>	<b>Pass</b>

Assay Name/Specification	Lot # 10055459
<p>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>* 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 2) 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.




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Christine Sumner  
Production Scientist  
10 Sep 2019




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Michael Tonello  
Packaging Quality Control Inspector  
10 Sep 2019