

## New England Biolabs Certificate of Analysis

Product Name: NEBNext Multiplex Oligos for Illumina (Dual Index Primers Set 2)  
 Catalog Number: E7780S  
 Lot Number: 10038342  
 Expiration Date: 01/2021  
 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	10027706	Pass
E7799AVIAL	NEBNext® i723 Primer	10027705	Pass
E7798AVIAL	NEBNext® i722 Primer	10027704	Pass
E7797AVIAL	NEBNext® i721 Primer	10027703	Pass
E7796AVIAL	NEBNext® i720 Primer	10027702	Pass
E7795AVIAL	NEBNext® i719 Primer	10027701	Pass
E7794AVIAL	NEBNext® i718 Primer	10027700	Pass
E7793AVIAL	NEBNext® i717 Primer	10027699	Pass
E7792AVIAL	NEBNext® i716 Primer	10027698	Pass
E7791AVIAL	NEBNext® i715 Primer	10027697	Pass
E7790AVIAL	NEBNext® i714 Primer	10027695	Pass
E7789AVIAL	NEBNext® i713 Primer	10027694	Pass
E7788AVIAL	NEBNext® i516 Primer	10027693	Pass
E7787AVIAL	NEBNext® i515 Primer	10027692	Pass
E7786AVIAL	NEBNext® i514 Primer	10027691	Pass
E7785AVIAL	NEBNext® i513 Primer	10027690	Pass
E7784AVIAL	NEBNext® i512 Primer	10027689	Pass
E7783AVIAL	NEBNext® i511 Primer	10027688	Pass
E7782AVIAL	NEBNext® i510 Primer	10027687	Pass
E7781AVIAL	NEBNext® i509 Primer	10027686	Pass
E7602AVIAL	USER Enzyme	10027696	Pass
E7601AVIAL	NEBNext® Adaptor for Illumina®	10027685	Pass

Assay Name/Specification	Lot # 10038342
Functional Testing (Library Construction, Oligo)	Pass

Assay Name/Specification	Lot # 10038342
<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  
23 Jul 2019




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Michael Tonello  
Packaging Quality Control Inspector  
23 Jul 2019