

## New England Biolabs Certificate of Analysis

*Product Name:* NEBNext Multiplex Oligos for Illumina (96 Unique Dual Index Primer Pairs)  
*Catalog Number:* E6440S  
*Lot Number:* 10011460  
*Expiration Date:* 11/2019  
*Storage Temperature:* -20°C  
*Specification Version:* PS-E6440S/L v1.0

NEBNext Multiplex Oligos for Illumina (96 Unique Dual Index Primer Pairs) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E6612AVIAL	NEBNext® Adaptor for Illumina®	0101711	Pass
E6610AVIAL	USER Enzyme	0161711	Pass
E6441AVIAL	NEBNext Unique Dual Index Primer Pairs	0011711	Pass

Assay Name/Specification	Lot # 10011460
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Illumina® (96 Unique Dual Index Primer Pairs) and meet the designated specifications.</p>	Pass
<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 flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.</p>	Pass

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

*Christine Sumner*

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Christine Sumner  
Production Scientist  
06 Jun 2018

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
06 Jun 2018