

## New England Biolabs Certificate of Analysis

*Product Name:* NEBNext Multiplex Oligos for Illumina (96 Unique Dual Index Primer Pairs)  
*Catalog Number:* E6440S  
*Packaging Lot Number:* 10232632  
*Expiration Date:* 01/2026  
*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®	10223675	Pass
E6610AVIAL	USER Enzyme	10223673	Pass
E6441AVIAL	NEBNext Unique Dual Index Primer Pairs	10223674	Pass

Assay Name/Specification	Lot # 10232632
<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>	<b>Pass</b>
<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>	<b>Pass</b>

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*

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Christine Sumner  
Production Scientist  
16 Feb 2024

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
16 Feb 2024