

## New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multiplex Oligos for Illumina® (96 Unique Dual Index Primer Pairs Set 5)  
 Catalog Number: E6448S  
 Packaging Lot Number: 10223696  
 Expiration Date: 01/2026  
 Storage Temperature: -20°C  
 Specification Version: PS-E6448S/L v1.0

NEBNext® Multiplex Oligos for Illumina® (96 Unique Dual Index Primer Pairs Set 5) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E6612AVIAL	NEBNext® Adaptor for Illumina®	10223698	Pass
E6610AVIAL	USER Enzyme	10223699	Pass
E6449AVIAL	NEBNext® Unique Dual Index Primer Set 5	10223700	Pass

Assay Name/Specification	Lot # 10223696
<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 Set 5) 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.

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  
12 Mar 2024

*T Monkiewicz*

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Talia Monkiewicz  
Packaging Quality Control Inspector  
13 Mar 2024