

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: 10257382
Expiration Date: 06/2026
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®	10248081	Pass
E6610AVIAL	USER Enzyme	10248079	Pass
E6441AVIAL	NEBNext Unique Dual Index Primer Pairs	10248080	Pass


Assay Name/Specification	Lot # 10257382
<p>* Individual Product Component Note 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>Functional Testing (Library Construction, Oligo) 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 for additional information.



Christine Sumner
Production Scientist
13 Sep 2024



Josh Hersey
Packaging Quality Control Inspector
13 Sep 2024