

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 2)  
**Catalog Number:** E7500S  
**Packaging Lot Number:** 10265319  
**Expiration Date:** 09/2026  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7500S/L v1.0

NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 2) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7511AVIAL	NEBNext® Index 16 Primer for Illumina®	10254769	Pass
E7338AVIAL	USER® Enzyme	10254754	Pass
E7337AVIAL	NEBNext® Adaptor for Illumina®	10254752	Pass
E6873AVIAL	NEBNext® Index 27 Primer for Illumina®	10254768	Pass
E6872AVIAL	NEBNext® Index 25 Primer for Illumina®	10254767	Pass
E6871AVIAL	NEBNext® Index 23 Primer for Illumina®	10254766	Pass
E6870AVIAL	NEBNext® Index 22 Primer for Illumina®	10254765	Pass
E6869AVIAL	NEBNext® Index 21 Primer for Illumina®	10254764	Pass
E6868AVIAL	NEBNext® Index 20 Primer for Illumina®	10254763	Pass
E6867AVIAL	NEBNext® Index 19 Primer for Illumina®	10254762	Pass
E6866AVIAL	NEBNext® Index 18 Primer for Illumina®	10254761	Pass
E6864AVIAL	NEBNext® Index 15 Primer for Illumina®	10254760	Pass
E6863AVIAL	NEBNext® Index 14 Primer for Illumina®	10254759	Pass
E6862AVIAL	NEBNext® Index 13 Primer for Illumina®	10254758	Pass
E6861AVIAL	NEBNext® Universal PCR Primer for Illumina®	10254756	Pass

Assay Name/Specification	Lot # 10265319
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 2) and meet the designated specifications.</p>	Pass
<p><b>Functional Testing (Library Construction, Oligo)</b> 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</p>	Pass

Assay Name/Specification	Lot # 10265319
aligning to the reference, GC bias, and insert size.	

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.



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Christine Sumner  
Production Scientist  
31 Oct 2024



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Talia Monkiewicz  
Packaging Quality Control Inspector  
31 Oct 2024