

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 2)  
**Catalog Number:** E7500L  
**Packaging Lot Number:** 10231575  
**Expiration Date:** 03/2026  
**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
E7511AAVIAL	NEBNext® Index 16 Primer for Illumina®	10231593	Pass
E7338AAVIAL	USER® Enzyme	10231577	Pass
E7337AAVIAL	NEBNext® Adaptor for Illumina®	10231576	Pass
E6873AAVIAL	NEBNext® Index 27 Primer for Illumina®	10231591	Pass
E6872AAVIAL	NEBNext® Index 25 Primer for Illumina®	10231589	Pass
E6871AAVIAL	NEBNext® Index 23 Primer for Illumina®	10231588	Pass
E6870AAVIAL	NEBNext® Index 22 Primer for Illumina®	10231586	Pass
E6869AAVIAL	NEBNext® Index 21 Primer for Illumina®	10231585	Pass
E6868AAVIAL	NEBNext® Index 20 Primer for Illumina®	10231584	Pass
E6867AAVIAL	NEBNext® Index 19 Primer for Illumina®	10231583	Pass
E6866AAVIAL	NEBNext® Index 18 Primer for Illumina®	10231582	Pass
E6864AAVIAL	NEBNext® Index 15 Primer for Illumina®	10231581	Pass
E6863AAVIAL	NEBNext® Index 14 Primer for Illumina®	10231580	Pass
E6862AAVIAL	NEBNext® Index 13 Primer for Illumina®	10231579	Pass
E6861AAVIAL	NEBNext® Universal PCR Primer for Illumina®	10231578	Pass

Assay Name/Specification	Lot # 10231575
<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>	<b>Pass</b>
<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>	<b>Pass</b>

Assay Name/Specification	Lot # 10231575
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  
23 Apr 2024



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Michael Tonello  
Packaging Quality Control Inspector  
18 Sep 2024