

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1)  
**Catalog Number:** E7600S  
**Packaging Lot Number:** 10262625  
**Expiration Date:** 09/2026  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7600S v1.0

NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7622AVIAL	NEBNext® i712 Primer	10254792	Pass
E7621AVIAL	NEBNext® i711 Primer	10254791	Pass
E7620AVIAL	NEBNext® i710 Primer	10254790	Pass
E7619AVIAL	NEBNext® i709 Primer	10254789	Pass
E7618AVIAL	NEBNext® i708 Primer	10254788	Pass
E7617AVIAL	NEBNext® i707 Primer	10254787	Pass
E7616AVIAL	NEBNext® i706 Primer	10254786	Pass
E7615AVIAL	NEBNext® i705 Primer	10254785	Pass
E7614AVIAL	NEBNext® i704 Primer	10254784	Pass
E7613AVIAL	NEBNext® i703 Primer	10254783	Pass
E7612AVIAL	NEBNext® i702 Primer	10254782	Pass
E7611AVIAL	NEBNext® i701 Primer	10254781	Pass
E7610AVIAL	NEBNext® i508 Primer	10254780	Pass
E7609AVIAL	NEBNext® i507 Primer	10254779	Pass
E7608AVIAL	NEBNext® i506 Primer	10262614	Pass
E7607AVIAL	NEBNext® i505 Primer	10254777	Pass
E7606AVIAL	NEBNext® i504 Primer	10254776	Pass
E7605AVIAL	NEBNext® i503 Primer	10254775	Pass
E7604AVIAL	NEBNext® i502 Primer	10254774	Pass
E7603AVIAL	NEBNext® i501 Primer	10254773	Pass
E7602AVIAL	USER Enzyme	10254772	Pass
E7601AVIAL	NEBNext® Adaptor for Illumina®	10254771	Pass

Assay Name/Specification	Lot # 10262625
* Individual Product Component Note	Pass

Assay Name/Specification	Lot # 10262625
<p>Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1) and meet the designated specifications.</p> <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>	<p><b>Pass</b></p>

This product has been tested and shown to be in compliance with all specifications.

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Christine Sumner  
Production Scientist  
15 Nov 2024



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Packaging Quality Control Inspector  
15 Nov 2024