

## New England Biolabs Certificate of Analysis

Product Name: *NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1)*  
 Catalog Number: *E7600S*  
 Packaging Lot Number: *10122412*  
 Expiration Date: *11/2023*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E7600S v1.0*

| <b>NEBNext® Multiplex Oligos for Illumina® (Dual Index Primers Set 1) Component List</b> |                                |                   |                             |
|--|--------------------------------|-------------------|-----------------------------|
| <b>NEB Part Number</b>   | <b>Component Description</b>   | <b>Lot Number</b> | <b>Individual QC Result</b> |
| E7622AVIAL   | NEBNext® i712 Primer           | 10122434          | Pass                        |
| E7621AVIAL   | NEBNext® i711 Primer           | 10122433          | Pass                        |
| E7620AVIAL   | NEBNext® i710 Primer           | 10122432          | Pass                        |
| E7619AVIAL   | NEBNext® i709 Primer           | 10122431          | Pass                        |
| E7618AVIAL   | NEBNext® i708 Primer           | 10122430          | Pass                        |
| E7617AVIAL   | NEBNext® i707 Primer           | 10122429          | Pass                        |
| E7616AVIAL   | NEBNext® i706 Primer           | 10122428          | Pass                        |
| E7615AVIAL   | NEBNext® i705 Primer           | 10122427          | Pass                        |
| E7614AVIAL   | NEBNext® i704 Primer           | 10122426          | Pass                        |
| E7613AVIAL   | NEBNext® i703 Primer           | 10122425          | Pass                        |
| E7612AVIAL   | NEBNext® i702 Primer           | 10122424          | Pass                        |
| E7611AVIAL   | NEBNext® i701 Primer           | 10122423          | Pass                        |
| E7610AVIAL   | NEBNext® i508 Primer           | 10122422          | Pass                        |
| E7609AVIAL   | NEBNext® i507 Primer           | 10122421          | Pass                        |
| E7608AVIAL   | NEBNext® i506 Primer           | 10122420          | Pass                        |
| E7607AVIAL   | NEBNext® i505 Primer           | 10122419          | Pass                        |
| E7606AVIAL   | NEBNext® i504 Primer           | 10122418          | Pass                        |
| E7605AVIAL   | NEBNext® i503 Primer           | 10122417          | Pass                        |
| E7604AVIAL   | NEBNext® i502 Primer           | 10122416          | Pass                        |
| E7603AVIAL   | NEBNext® i501 Primer           | 10122415          | Pass                        |
| E7602AVIAL   | USER Enzyme                    | 10122414          | Pass                        |
| E7601AVIAL   | NEBNext® Adaptor for Illumina® | 10122413          | Pass                        |

|   |                       |
|---|-----------------------|
| <b>Assay Name/Specification</b>                         | <b>Lot # 10122412</b> |
| <b>Functional Testing (Library Construction, Oligo)</b> | <b>Pass</b>           |

| Assay Name/Specification  | Lot # 10122412     |
|---|--------------------|
| <p>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>* Individual Product Component Note</b><br/>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>Pass</b></p> |

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

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11 Dec 2021



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