

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext Multiplex Oligos for Illumina (Dual Index Primers Set 2)  
**Catalog Number:** E7780S  
**Packaging Lot Number:** 10194753  
**Expiration Date:** 04/2024  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7780S v1.0


| NEBNext Multiplex Oligos for Illumina (Dual Index Primers Set 2) Component List |                                |            |                      |
|---|--------------------------------|------------|----------------------|
| NEB Part Number   | Component Description          | Lot Number | Individual QC Result |
| E7800AVIAL  | NEBNext® i724 Primer           | 10148938   | Pass                 |
| E7799AVIAL  | NEBNext® i723 Primer           | 10148937   | Pass                 |
| E7798AVIAL  | NEBNext® i722 Primer           | 10148936   | Pass                 |
| E7797AVIAL  | NEBNext® i721 Primer           | 10148935   | Pass                 |
| E7796AVIAL  | NEBNext® i720 Primer           | 10148934   | Pass                 |
| E7795AVIAL  | NEBNext® i719 Primer           | 10148933   | Pass                 |
| E7794AVIAL  | NEBNext® i718 Primer           | 10148932   | Pass                 |
| E7793AVIAL  | NEBNext® i717 Primer           | 10148931   | Pass                 |
| E7792AVIAL  | NEBNext® i716 Primer           | 10148930   | Pass                 |
| E7791AVIAL  | NEBNext® i715 Primer           | 10148929   | Pass                 |
| E7790AVIAL  | NEBNext® i714 Primer           | 10148928   | Pass                 |
| E7789AVIAL  | NEBNext® i713 Primer           | 10148927   | Pass                 |
| E7788AVIAL  | NEBNext® i516 Primer           | 10148926   | Pass                 |
| E7787AVIAL  | NEBNext® i515 Primer           | 10148925   | Pass                 |
| E7786AVIAL  | NEBNext® i514 Primer           | 10148924   | Pass                 |
| E7785AVIAL  | NEBNext® i513 Primer           | 10148923   | Pass                 |
| E7784AVIAL  | NEBNext® i512 Primer           | 10148922   | Pass                 |
| E7783AVIAL  | NEBNext® i511 Primer           | 10148921   | Pass                 |
| E7782AVIAL  | NEBNext® i510 Primer           | 10148920   | Pass                 |
| E7781AVIAL  | NEBNext® i509 Primer           | 10148919   | Pass                 |
| E7602AVIAL  | USER Enzyme                    | 10148918   | Pass                 |
| E7601AVIAL  | NEBNext® Adaptor for Illumina® | 10148917   | Pass                 |

|  |                       |
|--|-----------------------|
| <b>Assay Name/Specification</b>            | <b>Lot # 10194753</b> |
| <b>* Individual Product Component Note</b> | <b>Pass</b>           |

| Assay Name/Specification   | Lot # 10194753     |
|--|--------------------|
| <p>Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Dual Index Primers Set 2) and meet the designated specifications.</p> <p><b>Functional Testing (Library Construction, Oligo)</b><br/>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 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.

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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25 May 2023



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26 May 2023