

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 1)  
**Catalog Number:** E7335L  
**Packaging Lot Number:** 10065012  
**Expiration Date:** 09/2021  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7335S/L v1.0

| NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 1) Component List |   |            |                      |
|--|---|------------|----------------------|
| NEB Part Number  | Component Description                       | Lot Number | Individual QC Result |
| E7338AAVIAL  | USER® Enzyme                                | 10052911   | Pass                 |
| E7337AAVIAL  | NEBNext® Adaptor for Illumina®              | 10052910   | Pass                 |
| E7322AAVIAL  | NEBNext® Index 12 Primer for Illumina®      | 10052922   | Pass                 |
| E7321AAVIAL  | NEBNext® Index 11 Primer for Illumina®      | 10052921   | Pass                 |
| E7320AAVIAL  | NEBNext® Index 10 Primer for Illumina®      | 10052920   | Pass                 |
| E7319AAVIAL  | NEBNext® Index 9 Primer for Illumina®       | 10052919   | Pass                 |
| E7318AAVIAL  | NEBNext® Index 8 Primer for Illumina®       | 10052918   | Pass                 |
| E7317AAVIAL  | NEBNext® Index 7 Primer for Illumina®       | 10052917   | Pass                 |
| E7316AAVIAL  | NEBNext® Index 6 Primer for Illumina®       | 10052923   | Pass                 |
| E7315AAVIAL  | NEBNext® Index 5 Primer for Illumina®       | 10052924   | Pass                 |
| E7314AAVIAL  | NEBNext® Index 4 Primer for Illumina®       | 10052916   | Pass                 |
| E7313AAVIAL  | NEBNext® Index 3 Primer for Illumina®       | 10052915   | Pass                 |
| E7312AAVIAL  | NEBNext® Index 2 Primer for Illumina®       | 10052914   | Pass                 |
| E7311AAVIAL  | NEBNext® Index 1 Primer for Illumina®       | 10052913   | Pass                 |
| E6861AAVIAL  | NEBNext® Universal PCR Primer for Illumina® | 10052912   | Pass                 |

| Assay Name/Specification   | Lot # 10065012 |
|--|----------------|
| <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. | Pass           |
| <b>* Individual Product Component Note</b><br>Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Illumina® (Index Primers Set 1) and meet the designated  | Pass           |

| Assay Name/Specification | Lot # 10065012 |
|--------------------------|----------------|
| specifications.          |                |

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



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Christine Sumner  
Production Scientist  
14 Jan 2020



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Michael Tonello  
Packaging Quality Control Inspector  
14 Jan 2020