

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 3)  
**Catalog Number:** E7710S  
**Packaging Lot Number:** 10198070  
**Expiration Date:** 01/2025  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7710S/L v1.0

NEBNext <sup>®</sup> Multiplex Oligos for Illumina <sup>®</sup> (Index Primers Set 3) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7736AVIAL	NEBNext <sup>®</sup> Index 42 Primer for Illumina <sup>®</sup>	10172606	Pass
E7722AVIAL	NEBNext <sup>®</sup> Index 36 Primer for Illumina <sup>®</sup>	10172601	Pass
E7721AVIAL	NEBNext <sup>®</sup> Index 35 Primer for Illumina <sup>®</sup>	10172600	Pass
E7720AVIAL	NEBNext <sup>®</sup> Index 34 Primer for Illumina <sup>®</sup>	10172598	Pass
E7719AVIAL	NEBNext <sup>®</sup> Index 33 Primer for Illumina <sup>®</sup>	10172597	Pass
E7718AVIAL	NEBNext <sup>®</sup> Index 32 Primer for Illumina <sup>®</sup>	10172596	Pass
E7717AVIAL	NEBNext <sup>®</sup> Index 31 Primer for Illumina <sup>®</sup>	10172595	Pass
E7715AVIAL	NEBNext <sup>®</sup> Index 29 Primer for Illumina <sup>®</sup>	10172592	Pass
E7714AVIAL	NEBNext <sup>®</sup> Index 28 Primer for Illumina <sup>®</sup>	10172590	Pass
E7713AVIAL	NEBNext <sup>®</sup> Index 26 Primer for Illumina <sup>®</sup>	10172588	Pass
E7592AVIAL	NEBNext <sup>®</sup> Index 24 Primer for Illumina <sup>®</sup>	10172608	Pass
E7585AVIAL	NEBNext <sup>®</sup> Index 17 Primer for Illumina <sup>®</sup>	10172610	Pass
E7338AVIAL	USER <sup>®</sup> Enzyme	10172604	Pass
E7337AVIAL	NEBNext <sup>®</sup> Adaptor for Illumina <sup>®</sup>	10172603	Pass
E6861AVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	10172602	Pass

Assay Name/Specification	Lot # 10198070
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 3) and meet the designated specifications.</p>	Pass
<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>	Pass

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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  
29 Jun 2023



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Michael Tonello  
Packaging Quality Control Inspector  
29 Jun 2023