

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 4)  
**Catalog Number:** E7730S  
**Packaging Lot Number:** 10076198  
**Expiration Date:** 11/2021  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7730S/L v1.0

NEBNext <sup>®</sup> Multiplex Oligos for Illumina <sup>®</sup> (Index Primers Set 4) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7744AVIAL	NEBNext <sup>®</sup> Index 40 Primer for Illumina <sup>®</sup>	10059404	Pass
E7742AVIAL	NEBNext <sup>®</sup> Index 48 Primer for Illumina <sup>®</sup>	10059403	Pass
E7741AVIAL	NEBNext <sup>®</sup> Index 47 Primer for Illumina <sup>®</sup>	10059402	Pass
E7740AVIAL	NEBNext <sup>®</sup> Index 46 Primer for Illumina <sup>®</sup>	10059401	Pass
E7739AVIAL	NEBNext <sup>®</sup> Index 45 Primer for Illumina <sup>®</sup>	10059399	Pass
E7738AVIAL	NEBNext <sup>®</sup> Index 44 Primer for Illumina <sup>®</sup>	10059398	Pass
E7737AVIAL	NEBNext <sup>®</sup> Index 43 Primer for Illumina <sup>®</sup>	10059397	Pass
E7735AVIAL	NEBNext <sup>®</sup> Index 41 Primer for Illumina <sup>®</sup>	10059396	Pass
E7733AVIAL	NEBNext <sup>®</sup> Index 39 Primer for Illumina <sup>®</sup>	10059395	Pass
E7732AVIAL	NEBNext <sup>®</sup> Index 38 Primer for Illumina <sup>®</sup>	10059394	Pass
E7731AVIAL	NEBNext <sup>®</sup> Index 37 Primer for Illumina <sup>®</sup>	10059393	Pass
E7716AVIAL	NEBNext <sup>®</sup> Index 30 Primer for Illumina <sup>®</sup>	10059405	Pass
E7338AVIAL	USER <sup>®</sup> Enzyme	10059390	Pass
E7337AVIAL	NEBNext <sup>®</sup> Adaptor for Illumina <sup>®</sup>	10059391	Pass
E6861AVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	10059392	Pass

Assay Name/Specification	Lot # 10076198
<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 4) and meet the designated specifications.</p>	<b>Pass</b>
<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>	<b>Pass</b>

Assay Name/Specification	Lot # 10076198
aligning to the reference, GC bias, and insert size.	

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



Christine Sumner  
Production Scientist  
03 Jun 2020



Michael Tonello  
Packaging Quality Control Inspector  
03 Jun 2020