

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (96 Unique Dual Index Primer Pairs) Set 2  
**Catalog Number:** E6442L  
**Packaging Lot Number:** 10057833  
**Expiration Date:** 06/2021  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E6442S/L v1.0

NEBNext <sup>®</sup> Multiplex Oligos for Illumina <sup>®</sup> (96 Unique Dual Index Primer Pairs) Set 2 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E6612AVIAL	NEBNext <sup>®</sup> Adaptor for Illumina <sup>®</sup>	10046336	Pass
E6610AAVIAL	USER Enzyme	10046335	Pass
E6443AVIAL	NEBNext <sup>®</sup> Unique Dual Index Primer Set 2 Plate	10046334	Pass

Assay Name/Specification	Lot # 10057833
<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> (96 Unique Dual Index Primer Pairs Set 2) and meet the designated specifications.</p> <p><b>Functional Testing (Library Construction, Oligo)</b>            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<sup>®</sup> flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.</p>	<p>Pass</p> <p>Pass</p>

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

*Christine Sumner*

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Christine Sumner  
Production Scientist  
18 Oct 2019

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
18 Oct 2019