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## New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multiplex Oligos for Illumina® (Unique Dual Index UMI

Adaptors RNA Set 1)

Catalog Number: E7416L
Packaging Lot Number: 10165720
Expiration Date: 10/2023
Storage Temperature: -20°C

Specification Version: PS-E7416S/L v1.0

NEBNext® Multiplex Oligos for Illumina® (Unique Dual Index UMI Adaptors RNA Set 1) Component List				
<b>NEB Part Number</b>	Component Description	Lot Number	Individual QC Result	
E7417AVIAL	NEBNext® UMI RNA Adaptor Plate	10165721	Pass	
E7398AAVIAL	NEBNext® UMI Adaptor Dilution Buffer	10165723	Pass	
E7397AAVIAL	NEBNext® Primer Mix	10165722	Pass	

Assay Name/Specification	Lot # 10165720
Functional Testing (RNA Library Construction, Oligo)  Each of the components are functionally validated through construction of libraries made from commercially available Total RNA. Libraries are made from each unique barcoded oligonucleotide and are sequenced together on the same Illumina® flow cell and compared across various metrics including including library yield, 5'-3' transcript coverage, and fraction of reads mapping to a reference.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Illumina® (Unique Dual Index UMI Adaptors RNA Set 1) and meet the designated specifications.	Pass

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 for additional information.



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Christin Summ

Christine Sumner Production Scientist 30 Nov 2022 Michael Tonello

Packaging Quality Control Inspector

06 Dec 2022

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