

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext® Multiplex Oligos for Illumina® (Methylated Adaptor, Index Primers Set 1)  
**Catalog Number:** E7535S  
**Lot Number:** 10055489  
**Expiration Date:** 09/2021  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7535S/L v1.0

NEBNext® Multiplex Oligos for Illumina® (Methylated Adaptor, Index Primers Set 1) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7536AVIAL	NEBNext® Methylated Adaptor for Illumina®	10055518	Pass
E7338AVIAL	USER® Enzyme	10052895	Pass
E7322AVIAL	NEBNext® Index 12 Primer for Illumina®	10052906	Pass
E7321AVIAL	NEBNext® Index 11 Primer for Illumina®	10052905	Pass
E7320AVIAL	NEBNext® Index 10 Primer for Illumina®	10052904	Pass
E7319AVIAL	NEBNext® Index 9 Primer for Illumina®	10052903	Pass
E7318AVIAL	NEBNext® Index 8 Primer for Illumina®	10052902	Pass
E7317AVIAL	NEBNext® Index 7 Primer for Illumina®	10052901	Pass
E7316AVIAL	NEBNext® Index 6 Primer for Illumina®	10052907	Pass
E7315AVIAL	NEBNext® Index 5 Primer for Illumina®	10052908	Pass
E7314AVIAL	NEBNext® Index 4 Primer for Illumina®	10052900	Pass
E7313AVIAL	NEBNext® Index 3 Primer for Illumina®	10052899	Pass
E7312AVIAL	NEBNext® Index 2 Primer for Illumina®	10052898	Pass
E7311AVIAL	NEBNext® Index 1 Primer for Illumina®	10052897	Pass
E6861AVIAL	NEBNext® Universal PCR Primer for Illumina®	10052896	Pass

Assay Name/Specification	Lot # 10055489
<p><b>Functional Testing (Library Construction, Methylated Adaptor)</b>            Each of the components are functionally validated and compared to a previous lot through construction of libraries made from commercially available genomic DNA. Bisulfite converted libraries are made using the NEBNext® Methylated Adaptor according to the kit's minimum and maximum input requirements. Libraries are sequenced together on the same Illumina® flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, and insert size.</p>	Pass

Assay Name/Specification	Lot # 10055489
<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> (Methylated Adaptor, Index Primers Set 1) and meet the designated specifications.</p>	<p><b>Pass</b></p>

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




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Christine Sumner  
Production Scientist  
11 Sep 2019




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Michael Tonello  
Packaging Quality Control Inspector  
11 Sep 2019