

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Methylated Adaptor, Index Primers Set 1)  
**Catalog Number:** E7535S  
**Packaging Lot Number:** 10067212  
**Expiration Date:** 09/2021  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7535S/L v1.0

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

Assay Name/Specification	Lot # 10067212
<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>	Pass
<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<sup>®</sup> Methylated Adaptor</p>	Pass

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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.	

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



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Christine Sumner  
Production Scientist  
04 Feb 2020



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Michael Tonello  
Packaging Quality Control Inspector  
04 Feb 2020