

## 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:** E7535L  
**Packaging Lot Number:** 10062990  
**Expiration Date:** 12/2020  
**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
E7536AAVIAL	NEBNext <sup>®</sup> Methylated Adaptor for Illumina <sup>®</sup>	10032653	Pass
E7338AAVIAL	USER <sup>®</sup> Enzyme	10032654	Pass
E7322AAVIAL	NEBNext <sup>®</sup> Index 12 Primer for Illumina <sup>®</sup>	10032666	Pass
E7321AAVIAL	NEBNext <sup>®</sup> Index 11 Primer for Illumina <sup>®</sup>	10032665	Pass
E7320AAVIAL	NEBNext <sup>®</sup> Index 10 Primer for Illumina <sup>®</sup>	10032664	Pass
E7319AAVIAL	NEBNext <sup>®</sup> Index 9 Primer for Illumina <sup>®</sup>	10032663	Pass
E7318AAVIAL	NEBNext <sup>®</sup> Index 8 Primer for Illumina <sup>®</sup>	10032662	Pass
E7317AAVIAL	NEBNext <sup>®</sup> Index 7 Primer for Illumina <sup>®</sup>	10032661	Pass
E7316AAVIAL	NEBNext <sup>®</sup> Index 6 Primer for Illumina <sup>®</sup>	10032660	Pass
E7315AAVIAL	NEBNext <sup>®</sup> Index 5 Primer for Illumina <sup>®</sup>	10032659	Pass
E7314AAVIAL	NEBNext <sup>®</sup> Index 4 Primer for Illumina <sup>®</sup>	10032658	Pass
E7313AAVIAL	NEBNext <sup>®</sup> Index 3 Primer for Illumina <sup>®</sup>	10032657	Pass
E7312AAVIAL	NEBNext <sup>®</sup> Index 2 Primer for Illumina <sup>®</sup>	10032656	Pass
E7311AAVIAL	NEBNext <sup>®</sup> Index 1 Primer for Illumina <sup>®</sup>	10032655	Pass
E6861AAVIAL	NEBNext <sup>®</sup> Universal PCR Primer for Illumina <sup>®</sup>	10032667	Pass

Assay Name/Specification	Lot # 10062990
<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 according to the kit's minimum and maximum input requirements. Libraries 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, and insert size.</p>	Pass

Assay Name/Specification	Lot # 10062990
<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  
18 Dec 2019




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Michael Tonello  
Packaging Quality Control Inspector  
18 Dec 2019