

## New England Biolabs Certificate of Analysis

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual Index Primer Pairs)  
**Catalog Number:** E7140S  
**Packaging Lot Number:** 10107185  
**Expiration Date:** 02/2023  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7140S v1.0

NEBNext <sup>®</sup> Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual Index Primer Pairs) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7165AVIAL	NEBNext <sup>®</sup> EM-seq <sup>™</sup> Adaptor	10102628	Pass
E7164AVIAL	EM-seq <sup>™</sup> Index Primer 24	10102627	Pass
E7163AVIAL	EM-seq <sup>™</sup> Index Primer 23	10102626	Pass
E7162AVIAL	EM-seq <sup>™</sup> Index Primer 22	10102624	Pass
E7161AVIAL	EM-seq <sup>™</sup> Index Primer 21	10102623	Pass
E7160AVIAL	EM-seq <sup>™</sup> Index Primer 20	10102622	Pass
E7159AVIAL	EM-seq <sup>™</sup> Index Primer 19	10102621	Pass
E7158AVIAL	EM-seq <sup>™</sup> Index Primer 18	10102620	Pass
E7157AVIAL	EM-seq <sup>™</sup> Index Primer 17	10102619	Pass
E7156AVIAL	EM-seq <sup>™</sup> Index Primer 16	10102618	Pass
E7155AVIAL	EM-seq <sup>™</sup> Index Primer 15	10102617	Pass
E7154AVIAL	EM-seq <sup>™</sup> Index Primer 14	10102616	Pass
E7153AVIAL	EM-seq <sup>™</sup> Index Primer 13	10102615	Pass
E7152AVIAL	EM-seq <sup>™</sup> Index Primer 12	10102614	Pass
E7151AVIAL	EM-seq <sup>™</sup> Index Primer 11	10102613	Pass
E7150AVIAL	EM-seq <sup>™</sup> Index Primer 10	10102612	Pass
E7149AVIAL	EM-seq <sup>™</sup> Index Primer 9	10102611	Pass
E7148AVIAL	EM-seq <sup>™</sup> Index Primer 8	10102610	Pass
E7147AVIAL	EM-seq <sup>™</sup> Index Primer 7	10102609	Pass
E7146AVIAL	EM-seq <sup>™</sup> Index Primer 6	10102608	Pass
E7145AVIAL	EM-seq <sup>™</sup> Index Primer 5	10102607	Pass
E7144AVIAL	EM-seq <sup>™</sup> Index Primer 4	10102606	Pass
E7143AVIAL	EM-seq <sup>™</sup> Index Primer 3	10102605	Pass
E7142AVIAL	EM-seq <sup>™</sup> Index Primer 2	10102604	Pass
E7141AVIAL	EM-seq <sup>™</sup> Index Primer 1	10102603	Pass

Assay Name/Specification	Lot # 10107185
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual Index Primer Pairs) and meet the designated specifications.</p>	<b>Pass</b>
<p><b>Functional Testing (Library Construction)</b> Each set of reagents is functionally validated and compared to the previous lot through construction of libraries made from genomic DNA and DNA controls (CpG methylated pUC19 and unmethylated Lambda), that are required for assessment of 5mC and 5hmC. The kit's minimum and maximum DNA input requirements are used to make libraries that are sequenced on the same Illumina<sup>®</sup> flow cell. Library assessment is based on metrics including library yields, GC bias, insert size, and the percent 5mC/5hmC detected for CpG, CHG, CHH contexts within the genomic DNA and internal controls.</p>	<b>Pass</b>

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](http://www.neb.com/trademarks) for additional information.



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14 Apr 2021



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14 Apr 2021