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## New England Biolabs Certificate of Analysis

Product Name: NEBNext® Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual

Index Primer Pairs)

Catalog Number: E7140S
Packaging Lot Number: 10126995
Expiration Date: 12/2023
Storage Temperature: -20°C

Specification Version: PS-E7140S v1.0

NEBNext® 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® EM-seq™ Adaptor	10127028	Pass
E7164AVIAL	EM-seq™ Index Primer 24	10127026	Pass
E7163AVIAL	EM-seq™ Index Primer 23	10127024	Pass
E7162AVIAL	EM-seq™ Index Primer 22	10127022	Pass
E7161AVIAL	EM-seq™ Index Primer 21	10127020	Pass
E7160AVIAL	EM-seq™ Index Primer 20	10127018	Pass
E7159AVIAL	EM-seq™ Index Primer 19	10127016	Pass
E7158AVIAL	EM-seq™ Index Primer 18	10127014	Pass
E7157AVIAL	EM-seq™ Index Primer 17	10127013	Pass
E7156AVIAL	EM-seq™ Index Primer 16	10127012	Pass
E7155AVIAL	EM-seq™ Index Primer 15	10127011	Pass
E7154AVIAL	EM-seq™ Index Primer 14	10127010	Pass
E7153AVIAL	EM-seq™ Index Primer 13	10127008	Pass
E7152AVIAL	EM-seq™ Index Primer 12	10127007	Pass
E7151AVIAL	EM-seq™ Index Primer 11	10127006	Pass
E7150AVIAL	EM-seq™ Index Primer 10	10127005	Pass
E7149AVIAL	EM-seq™ Index Primer 9	10127004	Pass
E7148AVIAL	EM-seq™ Index Primer 8	10127003	Pass
E7147AVIAL	EM-seq™ Index Primer 7	10127002	Pass
E7146AVIAL	EM-seq™ Index Primer 6	10127001	Pass
E7145AVIAL	EM-seq™ Index Primer 5	10127000	Pass
E7144AVIAL	EM-seq™ Index Primer 4	10126999	Pass
E7143AVIAL	EM-seq™ Index Primer 3	10126998	Pass
E7142AVIAL	EM-seq™ Index Primer 2	10126997	Pass
E7141AVIAL	EM-seq™ Index Primer 1	10126996	Pass



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Assay Name/Specification	Lot # 10126995
Functional Testing (Library Construction) Each set of reagents is functionally validated and compared to the previous lot chrough 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 ibraries that are sequenced on the same Illumina® 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.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Multiplex Oligos for Enzymatic Methyl-seq (Unique Dual Index Primer Pairs) and meet	

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.

Christine Sumner Production Scientist

the designated specifications.

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16 Mar 2022

Michael Tonello

Packaging Quality Control Inspector

16 Mar 2022



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