

## New England Biolabs Certificate of Analysis

Product Name: *EpiMark® Bisulfite Conversion Kit*  
 Catalog Number: *E3318S*  
 Packaging Lot Number: *10083423*  
 Expiration Date: *09/2021*  
 Storage Temperature: *25°C*  
 Specification Version: *PS-E3318S v1.0*

EpiMark® Bisulfite Conversion Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
B1031AVIAL	Elution Buffer	10083433	Pass
B1030AVIAL	Wash Buffer	10083432	Pass
B1029AVIAL	Binding Buffer	10083431	Pass
B1028AVIAL	Desulfonation Buffer (concentrate)	10083430	Pass
B1027AVIAL	Solubilization Buffer	10083429	Pass
B1026AVIAL	Sodium metabisulfite	10083428	Pass

Assay Name/Specification	Lot # 10083423
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in EpiMark® Bisulfite Conversion Kit and meet the designated specifications.</p>	Pass
<p><b>Functional Testing (EpiMark® Bisulfite Conversion Kit)</b>            HeLa DNA was converted and purified using the Epimark® Bisulfite Conversion Kit as described in the manual. The bisulfite-converted DNA was confirmed by PCR with bisulfite specific primers resulting in both 320 bp and 227 bp products. The efficiency of bisulfite conversion is &gt;99% as determined by cloning and sequencing of both PCR products.</p>	Pass

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

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22 Sep 2020



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22 Sep 2020