

## New England Biolabs Certificate of Analysis

**Product Name:** *EpiMark® Bisulfite Conversion Kit*  
**Catalog Number:** *E3318S*  
**Packaging Lot Number:** *10068480*  
**Expiration Date:** *03/2021*  
**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	10042201	Pass
B1030AVIAL	Wash Buffer	10042200	Pass
B1029AVIAL	Binding Buffer	10042792	Pass
B1028AVIAL	Desulfonation Buffer (concentrate)	10043157	Pass
B1027AVIAL	Solubilization Buffer	10043159	Pass
B1026AVIAL	Sodium metabisulfite	10068484	Pass

Assay Name/Specification	Lot # 10068480
<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>	<b>Pass</b>
<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>	<b>Pass</b>

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



Mala Samaranayake  
Production Scientist  
25 Mar 2020



Michael Tonello  
Packaging Quality Control Inspector  
25 Mar 2020