

## New England Biolabs Certificate of Analysis

Product Name: *EpiMark® Bisulfite Conversion Kit*  
 Catalog Number: *E3318S*  
 Lot Number: *10042058*  
 Expiration Date: *10/2020*  
 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	10029814	Pass
B1030AVIAL	Wash Buffer	10029813	Pass
B1029AVIAL	Binding Buffer	10042792	Pass
B1028AVIAL	Desulfonation Buffer (concentrate)	10022377	Pass
B1027AVIAL	Solubilization Buffer	10031956	Pass
B1026AVIAL	Sodium metabisulfite	10033938	Pass

Assay Name/Specification	Lot # 10042058
<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 >99% as determined by cloning and sequencing of both PCR products.	Pass
<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.	Pass

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



Mala Samaranayake  
Production Scientist  
17 Oct 2018



Michael Tonello  
Packaging Quality Control Inspector  
10 Apr 2019