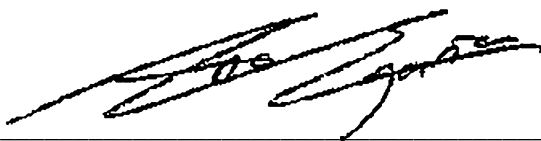


## New England Biolabs Certificate of Analysis

Product Name: *Monarch<sup>®</sup> Plasmid Miniprep Kit*  
 Catalog Number: *T1010S*  
 Lot Number: *0091806*  
 Expiration Date: *11/2019*  
 Storage Temperature: *25°C*  
 Specification Version: *PS-T1010S/L v1.0*

Assay Name/Specification	Lot # 0091806
<b>Functional Testing (Plasmid Purification and Restriction Digestion)</b> pUC19 plasmid is purified from 8 NEB10-Beta samples using the Monarch <sup>®</sup> Plasmid Miniprep Kit and digested with XmnI resulting in $\geq 90\%$ conversion to a linearized fragment and no visible gDNA or RNA observed by gel electrophoresis in $\geq 75\%$ of the samples.	<b>Pass</b>
<b>Functional Testing (DNA Recovery and Purity)</b> Twenty-four Monarch <sup>®</sup> Plasmid Miniprep Columns are tested with 1.5 $\mu\text{g}$ of 1 Kb Ladder resulting in $\geq 75\%$ recovery in $\geq 80\%$ of the samples. OD 260/280 and 260/230 are $\geq 1.75$ in $\geq 80\%$ of the samples.	<b>Pass</b>

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



Ana Egana  
Production Scientist  
09 Jul 2018



Heidi Church  
Packaging Quality Control Inspector  
09 Jul 2018