

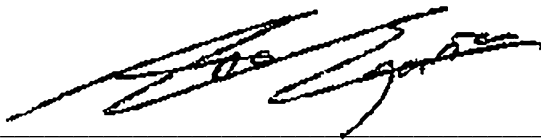
## New England Biolabs Certificate of Analysis

Product Name: *Monarch Plasmid Miniprep Kit*  
 Catalog Number: *T1010S*  
 Packaging Lot Number: *10097576*  
 Expiration Date: *04/2023*  
 Storage Temperature: *25°C*  
 Specification Version: *PS-T1010S/L v2.0*

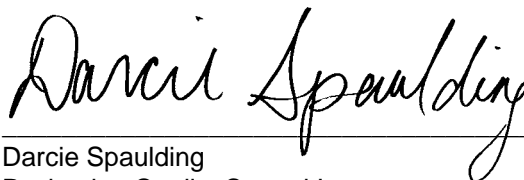
Assay Name/Specification	Lot # 10097576
<b>Functional Testing (Plasmid Purification and Restriction Digestion)</b> pUC19 plasmid is purified from 8 NEB10-Beta samples using the Monarch <sup>®</sup> Plasmid Miniprep Kit and digested with XmnI resulting in $\geq 90\%$ conversion to a linearized fragment 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.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.



Ana Egana  
Production Scientist  
29 Apr 2021



Darcie Spaulding  
Packaging Quality Control Inspector  
29 Apr 2021