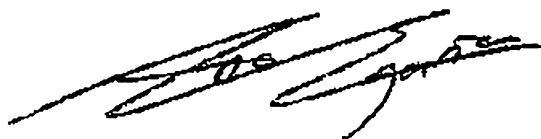


## New England Biolabs Certificate of Analysis

**Product Name:** *Monarch Plasmid Miniprep Kit*  
**Catalog Number:** *T1010S*  
**Packaging Lot Number:** *10040682*  
**Expiration Date:** *04/2022*  
**Storage Temperature:** *25°C*  
**Specification Version:** *PS-T1010S/L v2.0*

Assay Name/Specification	Lot # 10040682
<p><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 <math>\geq 90\%</math> conversion to a linearized fragment and no visible gDNA or RNA observed by gel electrophoresis in <math>\geq 75\%</math> of the samples.</p>	<b>Pass</b>
<p><b>Functional Testing (DNA Recovery and Purity)</b>                      Twenty-four Monarch<sup>®</sup> Plasmid Miniprep Columns are tested with 1.5 <math>\mu\text{g}</math> of 1 Kb Ladder resulting in <math>\geq 75\%</math> recovery in <math>\geq 80\%</math> of the samples. OD 260/280 and 260/230 are <math>\geq 1.75</math> in <math>\geq 80\%</math> of the samples.</p>	<b>Pass</b>

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



Ana Egana  
 Production Scientist  
 08 Apr 2020

Darcie Spaulding  
 Packaging Quality Control Inspector  
 08 Apr 2020