

## New England Biolabs Certificate of Analysis

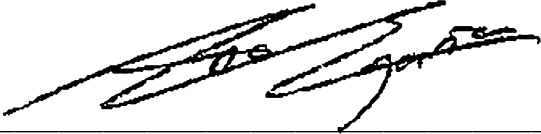
Product Name: *Monarch® Plasmid Miniprep Kit*  
 Catalog Number: *T1010S*  
 Packaging Lot Number: *10126754*  
 Expiration Date: *09/2023*  
 Storage Temperature: *25°C*  
 Specification Version: *PS-T1010S/L v2.0*

Monarch® Plasmid Miniprep Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T1017-2	Monarch® Plasmid Miniprep Columns	10126857	Pass
T1016-2	Monarch® DNA Elution Buffer	10128400	Pass
T1015-2	Monarch® Plasmid Wash Buffer 2	10128398	Pass
T1014-2	Monarch® Plasmid Wash Buffer 1	10128392	Pass
T1013-2	Monarch® Plasmid Neutralization Buffer (B3)	10128384	Pass
T1012-2	Monarch® Plasmid Lysis Buffer (B2)	10128377	Pass
T1011-2	Monarch® Plasmid Resuspension Buffer (B1)	10128363	Pass

Assay Name/Specification	Lot # 10126754
<p><b>Functional Testing (Plasmid Purification and Restriction Digestion)</b>            pUC19 plasmid is purified from 8 NEB10-Beta samples using the Monarch® Plasmid Miniprep Kit and digested with XmnI resulting in ≥90% conversion to a linearized fragment and no visible gDNA or RNA observed by gel electrophoresis in ≥75% of the samples.</p>	Pass
<p><b>Functional Testing (DNA Recovery and Purity)</b>            Twenty-four Monarch® Plasmid Miniprep Columns are tested with 1.5 µg of 1 Kb Ladder resulting in ≥75% recovery in ≥80% of the samples. OD 260/280 and 260/230 are ≥1.75 in ≥80% of the samples.</p>	Pass

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

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