

## New England Biolabs Certificate of Analysis

**Product Name:** *Monarch® Plasmid Miniprep Kit*  
**Catalog Number:** *T1010L*  
**Packaging Lot Number:** *10240864*  
**Expiration Date:** *05/2026*  
**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	10240861	Pass
T1016-3	Monarch® DNA Elution Buffer	10240713	Pass
T1015-3	Monarch® Plasmid Wash Buffer 2	10240710	Pass
T1014-3	Monarch® Plasmid Wash Buffer 1	10240708	Pass
T1013-3	Monarch® Plasmid Neutralization Buffer (B3)	10240706	Pass
T1012-3	Monarch® Plasmid Lysis Buffer (B2)	10240704	Pass
T1011-3	Monarch® Plasmid Resuspension Buffer (B1)	10240700	Pass

Assay Name/Specification	Lot # 10240864
<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.	<b>Pass</b>
<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.	<b>Pass</b>

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

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Judith Pacheco  
Production Scientist  
20 Jun 2024



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Julie Gaumont  
Packaging Quality Control Inspector  
21 Jun 2024