

## New England Biolabs Certificate of Analysis

**Product Name:** *Monarch® Spin Plasmid Miniprep Kit*  
**Catalog Number:** *T1110G*  
**Packaging Lot Number:** *10239590*  
**Expiration Date:** *03/2026*  
**Storage Temperature:** *25°C*  
**Specification Version:** *PS-T1110S/L/G v1.0*

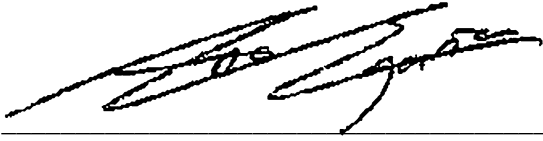
Monarch® Spin Plasmid Miniprep Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T3018-21	Monarch® RNase A	10230203	Pass
T2118-21	Monarch® Spin Collection Tubes	10238664	Pass
T1117-21	Monarch® Spin Columns S2D	10238665	Pass
T1116-21	Monarch® Buffer EY	10233561	Pass
T1115-21	Monarch® Buffer WZ	10233553	Pass
T1114-21	Monarch® Buffer BZ	10233550	Pass
T1113-21	Monarch® Buffer B3	10233545	Pass
T1112-21	Monarch® Buffer B2	10233541	Pass
T1111-21	Monarch® Buffer B1	10233536	Pass

Assay Name/Specification	Lot # 10239590
<b>Functional Testing (DNA Recovery and Purity)</b> Twenty-four Monarch® Spin Columns S2D are tested with 2 µg of Lambda DNA-BstEII Digest resulting in ≥75% recovery in ≥80% of the samples. OD 260/280 and 260/230 are ≥1.75 in ≥80% of the samples.	Pass
<b>Functional Testing (Plasmid Purification and Restriction Digestion)</b> pUC19 plasmid is purified from 8 NEB10-Beta samples using the Monarch® Spin 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.	Pass

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

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10 Jun 2024



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10 Jun 2024