

New England Biolabs Certificate of Analysis

Product Name: *Monarch® Spin Plasmid Miniprep Kit*
Catalog Number: *T1110G*
Packaging Lot Number: *10258282*
Expiration Date: *09/2026*
Storage Temperature: *25°C*
Specification Version: *PS-T1110S/L/G v1.0*

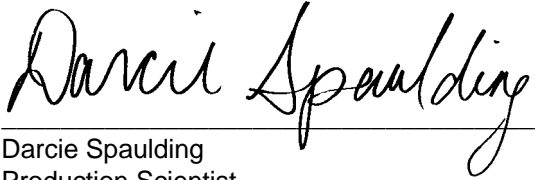
Monarch® Spin Plasmid Miniprep Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T3018-21	Monarch® RNase A	10258281	Pass
T2118-21	Monarch® Spin Collection Tubes	10257775	Pass
T1117-21	Monarch® Spin Columns S2D	10257721	Pass
T1116-21	Monarch® Buffer EY	10257595	Pass
T1115-21	Monarch® Buffer WZ	10257589	Pass
T1114-21	Monarch® Buffer BZ	10257583	Pass
T1113-21	Monarch® Buffer B3	10257581	Pass
T1112-21	Monarch® Buffer B2	10257577	Pass
T1111-21	Monarch® Buffer B1	10257574	Pass

Assay Name/Specification	Lot # 10258282
Functional Testing (DNA Recovery and Purity) 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
Functional Testing (Plasmid Purification and Restriction Digestion) 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.

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





Darcie Spaulding
Production Scientist
27 Sep 2024



Julie Gaumont
Packaging Quality Control Inspector
10 Oct 2024