

## New England Biolabs Certificate of Analysis

**Product Name:** Monarch® Spin PCR & DNA Cleanup Kit (5µg)  
**Catalog Number:** T1130L  
**Packaging Lot Number:** 10276565  
**Expiration Date:** 02/2027  
**Storage Temperature:** 25°C  
**Specification Version:** PS-T1130S/L v1.0

Monarch® Spin PCR & DNA Cleanup Kit (5µg) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T2118-1	Monarch® Spin Collection Tubes	10245009	Pass
T2037-1	Monarch® Spin Columns S1A	10276074	Pass
T1116-1	Monarch® Buffer EY	10276282	Pass
T1115-3	Monarch® Buffer WZ	10276029	Pass
T1114-5	Monarch® Buffer BZ	10276278	Pass

Assay Name/Specification	Lot # 10276565
<b>Functional Testing (DNA Recovery and Purity)</b> Twenty-four Monarch® Spin Columns S1A are tested with 1 µg of 1 kb DNA Ladder 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 (Fragment Purification and Restriction Digestion)</b> A linear pLA3 fragment is added to 8 Monarch® Spin Columns S1A, eluted and digested with DraIII-HF® resulting in ≥90% conversion to two-fragment pattern 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](http://www.neb.com/trademarks) for additional information.



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04 Mar 2025



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14 Apr 2025