

New England Biolabs Certificate of Analysis

Product Name: Monarch® PCR & DNA Cleanup Kit (5 µg)
Catalog Number: T1030S
Packaging Lot Number: 10135040
Expiration Date: 05/2024
Storage Temperature: 25°C
Specification Version: PS-T1030S/L v2.0

Monarch® PCR & DNA Cleanup Kit (5 µg) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T1034-2	Monarch® DNA Cleanup Columns (5 µg)	10145770	Pass
T1032-2	Monarch® DNA Wash Buffer	10145866	Pass
T1031-2	Monarch® DNA Cleanup Binding Buffer	10145863	Pass
T1018-2	Monarch® Collection Tubes (2 ml)	10145753	Pass
T1016-21	Monarch® DNA Elution Buffer	10145854	Pass

Assay Name/Specification	Lot # 10135040
Functional Testing (DNA Recovery and Purity) Twenty-four Monarch® DNA Cleanup Columns are tested with 1 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.	Pass
Functional Testing (Fragment Purification and Restriction Digestion) A linear pLA3 fragment is added to 8 Monarch® DNA Cleanup Columns, 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 for additional information.



Michael Burzyk
Production Scientist
20 Jul 2022



Michael Burzyk
Packaging Quality Control Inspector
13 Oct 2022