

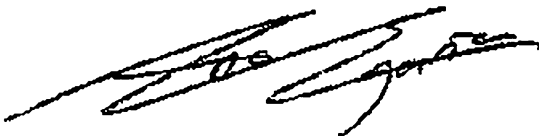
New England Biolabs Certificate of Analysis

Product Name: Monarch RNA Cleanup Kit (500 µg)
Catalog Number: T2050S
Packaging Lot Number: 10068607
Expiration Date: 03/2022
Storage Temperature: 25°C
Specification Version: PS-T2050S/L v1.0

Assay Name/Specification	Lot # 10068607
Functional Testing (RNA Recovery and Purity) Twenty-four Monarch® RNA Cleanup Columns (T2057, 500 µg) are tested with 50 µg of rRNA 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 (Enzyme Inactivation and Removal) Eight Monarch® RNA Cleanup Columns (T2057, 500 µg) are tested with 50 µg of rRNA and 2 units of DNase I. A 50 µl reaction in DNase I Reaction Buffer with 1 µg of pBR322 and 50% of the column eluate incubated for 10 minutes at 37°C results in >99.95% removal of DNase I activity in ≥75% of the samples.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Monarch® RNA Cleanup Kit (500 µg) and meet the designated specifications.	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.



Ana Egana
 Production Scientist
 19 Nov 2020



Heidi Church
 Packaging Quality Control Inspector
 19 Nov 2020