

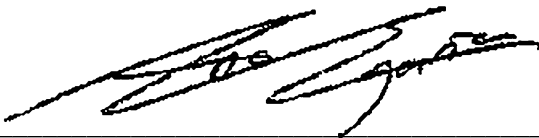
New England Biolabs Certificate of Analysis

Product Name: *Monarch Total RNA Miniprep Enzyme Pack*
 Catalog Number: *T2019L*
 Packaging Lot Number: *10079513*
 Expiration Date: *03/2022*
 Storage Temperature: *25°C*
 Specification Version: *PS-T2019L v1.0*

Assay Name/Specification	Lot # 10079513
Functional Testing (DNase I, Monarch®) A 50 µl reaction in Monarch® DNase I Reaction Buffer with 1 µg of pBR322 and 5 mU Monarch® DNase I incubated for 10 minutes at 37°C results in digestion of the DNA fragments to ≤500 bp as determined by agarose gel electrophoresis.	Pass
Functional Testing (Proteinase K, Monarch®) A 20 µl reaction in Monarch® Proteinase K Reaction Buffer with 10 µg of MBP5 and 50 ng Monarch® Proteinase K incubated for 5 minutes at 37°C results in >75% digestion of the protein as determined by SDS-PAGE using Coomassie Blue detection.	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
26 Jan 2021



Heidi Church
Packaging Quality Control Inspector
26 Jan 2021