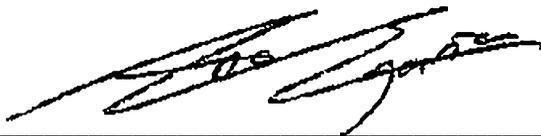


New England Biolabs Certificate of Analysis

Product Name: *Monarch Total RNA Miniprep Enzyme Pack*
Catalog Number: *T2019L*
Packaging Lot Number: *10044099*
Expiration Date: *05/2021*
Storage Temperature: *25°C*
Specification Version: *PS-T2019L v1.0*

Assay Name/Specification	Lot # 10044099
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.



Ana Egana
 Production Scientist
 30 Oct 2019



Heidi Church
 Packaging Quality Control Inspector
 30 Oct 2019