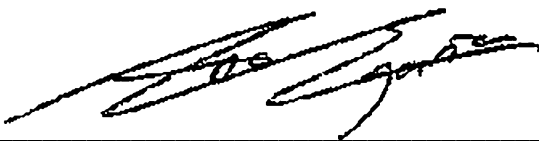


## New England Biolabs Certificate of Analysis

Product Name: Monarch RNA Cleanup Kit (10 µg)  
 Catalog Number: T2030L  
 Lot Number: 0011806  
 Expiration Date: 12/2019  
 Storage Temperature: 25°C  
 Specification Version: PS-T2030S/L v1.0

Assay Name/Specification	Lot # 0011806
<b>Functional Testing (Enzyme Inactivation and Removal)</b> Eight Monarch® RNA Cleanup Columns (T2037, 10 µg) are tested with 1 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.	<b>Pass</b>
<b>Functional Testing (RNA Recovery and Purity)</b> Twenty-four Monarch® RNA Cleanup Columns (T2037, 10 µg) are tested with 1 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.	<b>Pass</b>
<b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in Monarch® RNA Cleanup Kit (10 µg) and meet the designated specifications.	<b>Pass</b>

This product has been tested and shown to be in compliance with all specifications.



Ana Egana  
Production Scientist  
31 Aug 2018



Heidi Church  
Packaging Quality Control Inspector  
31 Aug 2018