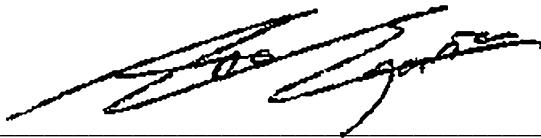


## New England Biolabs Certificate of Analysis

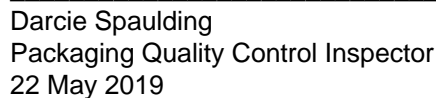
Product Name: Monarch PCR & DNA Cleanup Kit (5 µg)  
 Catalog Number: T1030L  
 Lot Number: 10029802  
 Expiration Date: 05/2021  
 Storage Temperature: 25°C  
 Specification Version: PS-T1030S/L v2.0

Assay Name/Specification	Lot # 10029802
<b>Functional Testing (Fragment Purification and Restriction Digestion)</b> 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.	<b>Pass</b>
<b>Functional Testing (DNA Recovery and Purity)</b> 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.	<b>Pass</b>

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



Ana Egana  
Production Scientist  
22 May 2019



Darcie Spaulding  
Packaging Quality Control Inspector  
22 May 2019