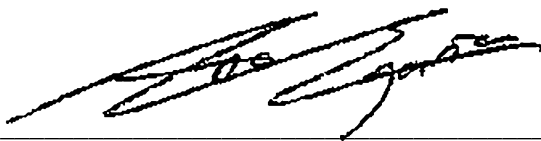


## New England Biolabs Certificate of Analysis

Product Name: *Monarch<sup>®</sup> Gel Dissolving Buffer*  
 Catalog Number: *T1021L*  
 Concentration: *1 X Concentrate*  
 Lot Number: *10029811*  
 Expiration Date: *06/2021*  
 Storage Temperature: *25°C*  
 Specification Version: *PS-T1021L v1.0*

Assay Name/Specification	Lot # 10029811
<b>Functional Testing (Gel Purification and Ligation)</b> A linear pLA3 fragment is gel purified and added to 8 Monarch <sup>®</sup> DNA Cleanup Columns, eluted and ligated with Blunt/TA Ligase Master Mix resulting in $\geq 90\%$ conversion to a multiband pattern observed by gel electrophoresis in $\geq 75\%$ of the samples.	<b>Pass</b>

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



Ana Egana  
Production Scientist  
19 Jul 2019



Heidi Church  
Packaging Quality Control Inspector  
19 Jul 2019