

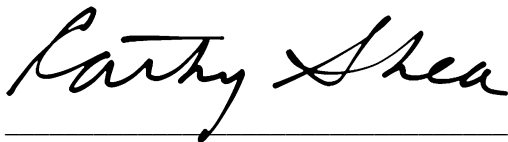
## New England Biolabs Certificate of Analysis

Product Name: *Blunt/TA Ligase Master Mix*  
 Catalog Number: *M0367S*  
 Concentration: *2 X Concentrate*  
 Lot Number: *10023733*  
 Expiration Date: *07/2020*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-M0367S/L v2.0*  
 Composition (1X): *Proprietary*

Blunt/TA Ligase Master Mix Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
M0367SVIAL	Blunt/TA Ligase Master Mix	10016679	Pass

Assay Name/Specification	Lot # 10023733
<b>Functional Testing (Ligation and Transformation)</b> LITMUS 28 vector is cut with EcoRV (blunt), treated with calf intestinal phosphatase and gel purified. Blunt inserts from a HaeIII digest of PhiX174 DNA are ligated into the vector at a 3:1 insert:vector ratio using the Blunt/TA Ligase Master Mix protocol. Ligation products are transformed as described. Each lot produces >1 x 10 <sup>7</sup> recircularized transformants/μg and >2.5 x 10 <sup>6</sup> inserted transformants/μg.	Pass

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



Cathy Shea  
Production Scientist  
27 Jul 2018



Michael Tonello  
Packaging Quality Control Inspector  
10 Dec 2018