

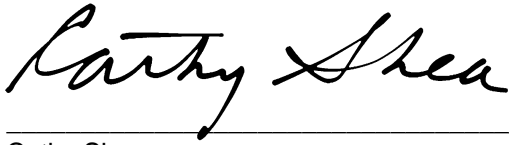
New England Biolabs Certificate of Analysis

Product Name: Gibson Assembly® Master Mix
 Catalog Number: E2611L
 Lot Number: 10047465
 Expiration Date: 06/2020
 Storage Temperature: -20°C
 Specification Version: PS-E2611S/L v1.0

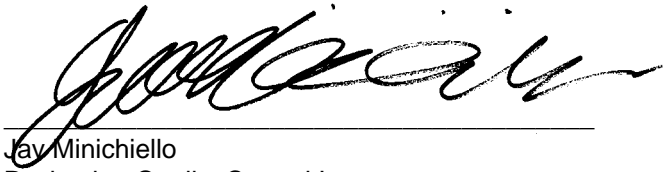
Gibson Assembly® Master Mix Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2611AVIAL	NEBuilder® Positive Control	10043300	Pass
M5510AAVIAL	Gibson Assembly® Master Mix	10043293	Pass

Assay Name/Specification	Lot # 10047465
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Gibson Assembly® Master Mix and meet the designated specifications.</p> <p>Functional Testing (Gibson Assembly) A 20 µl reaction containing 10 µl of 2X Gibson Assembly Master Mix and six 0.05 pmol fragments of pUC19 (five 400 bp fragments and one 2,780 bp fragment, each with a 40 bp overlap) is incubated at 50°C for 60 minutes. Transformation of NEB 5-alpha competent E. coli cells (NEB #C2987) with 2 µl of the master mix/fragment mixture yields greater than 100 white colonies on an ampicillin plate with IPTG/X-Gal after overnight incubation at 37°C.</p>	<p>Pass</p> <p>Pass</p>

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



Cathy Shea
Production Scientist
14 Jun 2019



Jay Minichiello
Packaging Quality Control Inspector
29 Aug 2019