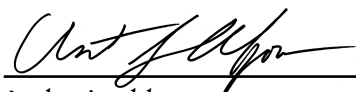


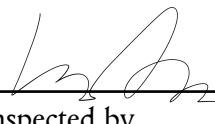
## New England Biolabs Certificate of Analysis

*Product Name:* SOC Outgrowth Medium  
*Catalog #:* B9020S  
*Concentration:* 1X Concentrate  
*Lot #:* 5521802  
*Assay Date:* 02/2018  
*Expiration Date:* 02/2019  
*Storage Temp:* 4°C  
*Composition (1X):* 10 mM NaCl, 2.5 mM KCl, 10 mM MgCl<sub>2</sub>, 10 mM MgSO<sub>4</sub>, 20 mM Glucose, 2 % Vegetable Peptone, 0.5 % Yeast Extract  
*Specification Version:* PS-B9020S v1.0  
*Effective Date:* 27 Mar 2018

Assay Name/Specification (minimum release criteria)	Lot #5521802
<b>Bioburden (Outgrowth Medium)</b> - Bottled SOC Outgrowth Medium is incubated at 37°C for 2 days and inspected for turbidity resulting in no visible microbial growth.	<b>Pass</b>
<b>Transformation Efficiency (Outgrowth Medium)</b> - SOC Outgrowth Medium was tested using a standard transformation protocol resulting in 80-120% of the transformation efficiency compared to a control.	<b>Pass</b>



Authorized by  
Tony Spear-Alfonso  
27 Mar 2018



Inspected by  
Lixin An  
15 Jan 2019

