

## New England Biolabs Certificate of Analysis

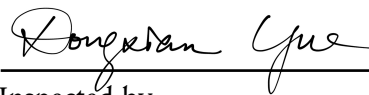
*Product Name:* HiScribe™ T7 High Yield RNA Synthesis Kit  
*Catalog #:* E2040S  
*Kit Components:* ATP (N0451)  
 GTP (N0452)  
 UTP (N0453)  
 CTP (N0454)  
 10X T7 Reaction Buffer (B2041)  
 FLuc Control Template (N0426)  
 T7 RNA Polymerase Mix (M0255)

*Lot #:* 0251804  
*Assay Date:* 04/2018  
*Expiration Date:* 10/2019  
*Storage Temp:* -20°C  
*Specification Version:* PS-E2040S v1.0  
*Effective Date:* 14 May 2018

Assay Name/Specification (minimum release criteria)	Lot #0251804
<b>Functional Testing (RNA Synthesis, Yield)</b> - A 20 µl reaction in 1X T7 Reaction Buffer in the presence of 40 mM NTPs containing 1 µg FLuc Control Template with 2 µl of the T7 RNA Polymerase Mix incubated for 2 hours at 37°C results in a minimum of 150 µg of a 1.8 kb RNA as determined by OD 260 and agarose gel electrophoresis.	<b>Pass</b>
<b>* Individual Product Component Note</b> - Standard Quality Control Tests are performed for each component included in HiScribe™ T7 High Yield RNA Synthesis Kit and meet the designated specifications.	<b>Pass</b>



Authorized by  
Derek Robinson  
14 May 2018



Inspected by  
Dongxian Yue  
01 Apr 2018

