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## New England Biolabs Certificate of Analysis

Product Name: HiScribe™ T7 High Yield RNA Synthesis Kit

Catalog Number: E2040S
Lot Number: 10018975
Expiration Date: 02/2020
Storage Temperature: -20°C

Specification Version: PS-E2040S v1.0

HiScribe™ T7 High Yield RNA Synthesis Kit Component List				
<b>NEB Part Number</b>	<b>Component Description</b>	Lot Number	Individual QC Result	
N0454AVIAL	CTP Solution	0111802	Pass	
N0453AVIAL	UTP Solution	0111802	Pass	
N0452AVIAL	GTP Solution	0121805	Pass	
N0451AVIAL	ATP Solution	0111802	Pass	
N0426AVIAL	Fluc Control Template	0061803	Pass	
M0255AVIAL	T7 RNA Polymerase Mix	10013740	Pass	
B2041AVIAL	10X T7 Reaction Buffer	0151803	Pass	

Assay Name/Specification	Lot # 10018975
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in HiScribe™ T7 High Yield RNA Synthesis Kit and meet the designated specifications.	Pass
Functional Testing (RNA Synthesis, Yield) 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.	Pass

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



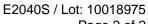
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**Production Scientist** 13 Aug 2018

Michael Tonello Packaging Quality Control Inspector 13 Aug 2018





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