

## New England Biolabs Certificate of Analysis

Product Name: *HiScribe<sup>®</sup> T7 Quick High Yield RNA Synthesis Kit*  
 Catalog Number: *E2050S*  
 Packaging Lot Number: *10176424*  
 Expiration Date: *06/2024*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E2050S v1.0*

HiScribe <sup>®</sup> T7 Quick High Yield RNA Synthesis Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2052AVIAL	NTP Buffer Mix	10175253	Pass
N0426AVIAL	Fluc Control Template	10164821	Pass
M0303AVIAL	DNase I (RNase-free)	10171960	Pass
M0255AVIAL	T7 RNA Polymerase Mix	10163505	Pass
B2051AVIAL	LiCl Solution	10157680	Pass

Assay Name/Specification	Lot # 10176424
<p><b>Functional Testing (RNA Synthesis, Yield)</b>            A 20 µl reaction 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.</p>	Pass
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in HiScribe<sup>®</sup> T7 Quick High Yield RNA Synthesis Kit and meet the designated specifications.</p>	Pass

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.

*Dongxian Yue*

Dongxian Yue  
Production Scientist  
29 Dec 2022

*Michael Tonello*

Michael Tonello  
Packaging Quality Control Inspector  
29 Dec 2022