

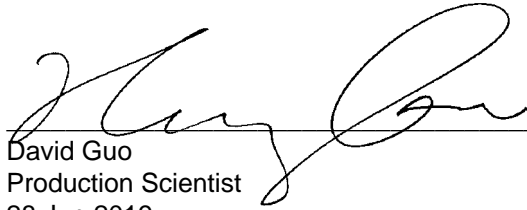
## New England Biolabs Certificate of Analysis

Product Name: *Taq PCR Kit*  
 Catalog Number: *E5000S*  
 Lot Number: *10054337*  
 Expiration Date: *06/2021*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E5000S v2.0*

Taq PCR Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N0550AVIAL	Quick-Load® Purple 1 kb Plus DNA Ladder	10054353	Pass
N0447SVIAL	Deoxynucleotide (dNTP) Solution Mix	10046884	Pass
M0273AVIAL	Taq DNA Polymerase with Standard Taq Buffer	10047004	Pass
B9021SVIAL	Magnesium Chloride (MgCl <sub>2</sub> ) Solution	10038440	Pass
B9015SVIAL	Standard Taq (Mg-free) Reaction Buffer Pack	10033771	Pass
B9014SVIAL	Standard Taq Reaction Buffer Pack	10032877	Pass

Assay Name/Specification	Lot # 10054337
<p><b>PCR Amplification (5.0 kb Lambda DNA)</b>            A 50 µl reaction in Standard Taq Reaction Buffer in the presence of 200 µM dNTPs and 0.2 µM primers containing 5 ng Lambda DNA with 1.25 units of Taq DNA Polymerase for 25 cycles of PCR amplification results in the expected 5.0 kb product.</p>	Pass
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in Taq PCR Kit and meet the designated specifications.</p>	Pass

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



David Guo  
Production Scientist  
28 Jun 2019



Michael Tonello  
Packaging Quality Control Inspector  
23 Aug 2019