

## New England Biolabs Certificate of Analysis

**Product Name:** Taq PCR Kit  
**Catalog Number:** E5000S  
**Packaging Lot Number:** 10219592  
**Expiration Date:** 04/2025  
**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	10187887	Pass
N0447SVIAL	Deoxynucleotide (dNTP) Solution Mix	10203236	Pass
M0273AVIAL	Taq DNA Polymerase with Standard Taq Buffer	10211764	Pass
B9021SVIAL	Magnesium Chloride (MgCl <sub>2</sub> ) Solution	10186135	Pass
B9015SVIAL	Standard Taq (Mg-free) Reaction Buffer Pack	10198988	Pass
B9014SVIAL	Standard Taq Reaction Buffer Pack	10210588	Pass

Assay Name/Specification	Lot # 10219592
<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>	<b>Pass</b>
<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>	<b>Pass</b>

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

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09 May 2023



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18 Jan 2024