

New England Biolabs Certificate of Analysis

Product Name: Taq PCR Kit
Catalog Number: E5000S
Lot Number: 10043668
Expiration Date: 12/2020
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 | 10033005 | Pass |
| N0447SVIAL | Deoxynucleotide (dNTP) Solution Mix | 10033004 | Pass |
| M0273AVIAL | Taq DNA Polymerase with Standard Taq Buffer | 10032556 | Pass |
| B9021SVIAL | Magnesium Chloride (MgCl ₂) 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 # 10043668 |
|---|----------------|
| PCR Amplification (5.0 kb Lambda DNA) 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. | Pass |
| * Individual Product Component Note Standard Quality Control Tests are performed for each component included in Taq PCR Kit and meet the designated specifications. | Pass |

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



Tony Spear-Alfonso
Production Scientist
16 Jan 2019



Michael Tonello
Packaging Quality Control Inspector
16 May 2019