

New England Biolabs Certificate of Analysis

Product Name: Phusion[®] High-Fidelity PCR Master Mix with GC Buffer
Catalog #: M0532S/L
Concentration: 2X Concentrate
Lot #: 0281712
Assay Date: 12/2017
Expiration Date: 6/2019
Storage Temp: -20°C
Composition (1X): 1 X Phusion[®] GC Buffer, 0.2 mM dATP, 0.2 mM dCTP, 0.2 mM dGTP, 0.2 mM dTTP, 20 units/ml Phusion[®] High-Fidelity DNA Polymerase
Specification Version: PS-M0532S/L v2.0
Effective Date: 16 Nov 2017

Assay Name/Specification (minimum release criteria)	Lot #0281712
PCR Amplification (20 kb Lambda DNA, Master Mix) - A 50 µl reaction in 1X Phusion [®] High-Fidelity PCR Master Mix with GC Buffer and 1.0 µM primers containing 10 ng Lambda DNA for 22 cycles of PCR amplification results in the expected 20 kb product.	Pass
PCR Amplification (7.5 kb Human Genomic DNA, Master Mix) - A 50 µl reaction in 1X Phusion [®] High-Fidelity PCR Master Mix with GC Buffer and 1.0 µM primers containing 50 ng Human Genomic DNA for 30 cycles of PCR amplification results in the expected 7.5 kb product.	Pass

* The BSA in this product has been granted an EDQM "Certificate of Suitability" from the European Directorate for the Quality of Medicines (# R1-CEP-2003-204-Rev00) and has been granted a USDA Certificate for Export of Bovine Blood Plasma/Serum for Manufacture into Pharmaceutical Products.



Authorized by
Lynne Apone
16 Nov 2017



Inspected by
Tony Spear-Alfonso
03 Jan 2018

