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New England Biolabs Certificate of Analysis

Product Name: Phusion® High-Fidelity PCR Master Mix with GC Buffer

Catalog Number: M0532S

Concentration: 2 X Concentrate

Packaging Lot Number: 10117620
Expiration Date: 09/2022
Storage Temperature: -20°C

Specification Version: PS-M0532S/L v2.0

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

Phusion® High-Fidelity PCR Master Mix with GC Buffer Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
M0532SVIAL	Phusion® High-Fidelity PCR Master Mix with GC Buffer	10102373	Pass	
B0515AVIAL	DMSO	10111136	Pass	

Assay Name/Specification	Lot # 10117620
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
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

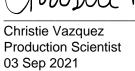
This product has been tested and shown to be in compliance with all specifications.

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M0532S / Lot: 10117620

Page 1 of 2



Michael Tonalla

Michael Tonello Packaging Quality Control Inspector 03 Sep 2021