

New England Biolabs Certificate of Analysis

Product Name: Phusion[®] GC Buffer Pack
Catalog #: B0519S
Concentration: 5X Concentrate
Lot #: 0051804
Assay Date: 04/2018
Expiration Date: 4/2021
Storage Temp: -20°C
Composition (1X): Proprietary
Specification Version: PS-B0519S v1.0
Effective Date: 02 Apr 2018

Assay Name/Specification (minimum release criteria)	Lot #0051804
<p>PCR Amplification (20 kb Lambda DNA, Buffer) - A 50 µl reaction in Phusion[®] GC Reaction Buffer in the presence of 200 µM dNTPs and 1 µM primers containing 10 ng Lambda DNA with 1 unit of Phusion[®] High-Fidelity DNA Polymerase for 22 cycles of PCR amplification results in the expected 20 kb product.</p>	Pass
<p>PCR Amplification (7.5 kb Human Genomic DNA, Buffer) - A 50 µl reaction in Phusion[®] GC Reaction Buffer in the presence of 200 µM dNTPs and 1 µM primers containing 50 ng Human Genomic DNA with 1 unit of Phusion[®] High-Fidelity DNA Polymerase for 30 cycles of PCR amplification results in the expected 7.5 kb product.</p>	Pass



Authorized by
Lynne Apone
02 Apr 2018



Inspected by
Tony Spear-Alfonso
23 Apr 2018

