

New England Biolabs Certificate of Analysis

Product Name: Phusion® HF Buffer Pack
Catalog Number: B0518S
Concentration: 5 X Concentrate
Packaging Lot Number: 10111586
Expiration Date: 12/2023
Storage Temperature: -20°C
Specification Version: PS-B0518S v1.0
Composition (1X): Proprietary

Phusion® HF Buffer Pack Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
B0518SVIAL	Phusion® HF Buffer Pack	10110160	Pass
B0515AVIAL	DMSO	10096249	Pass
B0510AVIAL	MgCl ₂ Solution (50 mM)	10096253	Pass

Assay Name/Specification	Lot # 10111586
<p>PCR Amplification (7.5 kb Human Genomic DNA, Buffer) A 50 µl reaction in Phusion® HF 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
<p>PCR Amplification (20 kb Lambda DNA, Buffer) A 50 µl reaction in Phusion® HF 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

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.

Christie Vazquez

Christie Vazquez
Production Scientist
23 Jun 2021

Josh Hersey

Josh Hersey
Packaging Quality Control Inspector
23 Jun 2021