

New England Biolabs Certificate of Analysis

Product Name: Phusion® HF Buffer Pack
Catalog Number: B0518S
Concentration: 5 X Concentrate
Lot Number: 10052241
Expiration Date: 04/2022
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	10046904	Pass
B0515AVIAL	DMSO	10041254	Pass
B0510AVIAL	MgCl ₂ Solution (50 mM)	10046905	Pass

Assay Name/Specification	Lot # 10052241
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.	Pass
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.	Pass

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

Christie Vazquez

Christie Vazquez
Production Scientist
18 Apr 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
27 Aug 2019