

## New England Biolabs Certificate of Analysis

**Product Name:** *Blue Prestained Protein Standard*  
**Catalog Number:** *P7718G*  
**Packaging Lot Number:** *10065781*  
**Expiration Date:** *02/2022*  
**Storage Temperature:** *-20°C*  
**Storage Conditions:** *62.5 mM Tris-Phosphate, 1 mM EDTA, 2% SDS, 10 mM DTT, 1 mM NaN<sub>3</sub>, 33% Glycerol*  
**Specification Version:** *PS-P7718G v1.0*

Blue Prestained Protein Standard Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P7718GVIAL	Blue Prestained Protein Standard	10067260	Pass

Assay Name/Specification	Lot # 10065781
<b>Electrophoretic Pattern (Protein Marker)</b> The banding pattern of Blue Prestained Protein Standard, Broad Range (11-250 kDa) on a 10-20% Tris-Glycine gel shows discrete, clearly identifiable bands at each band of the marker, as determined by gel electrophoresis using Coomassie Blue detection.	Pass
<b>Protease Activity (Protein Markers &amp; Ladders)</b> A 20 µl sample of Blue Prestained Protein Standard, Broad Range (11-250 kDa) incubated for 16 hours at 37°C, results in no detectable degradation of the protein mixture as determined by SDS-PAGE with Coomassie Blue detection.	Pass

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



Alicia Bielik  
Production Scientist  
07 Feb 2020



Michael Tonello  
Packaging Quality Control Inspector  
10 Feb 2020