

## New England Biolabs Certificate of Analysis

**Product Name:** Blue Prestained Protein Standard, Broad Range (11-250 kDa)  
**Catalog Number:** P7718S  
**Packaging Lot Number:** 10083672  
**Expiration Date:** 07/2022  
**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-P7718S/L v1.0

Blue Prestained Protein Standard, Broad Range (11-250 kDa) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P7718SVIAL	Blue Prestained Protein Standard, Broad Range (11-250 kDa)	10079386	Pass

Assay Name/Specification	Lot # 10083672
<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.

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Alicia Bielik  
Production Scientist  
25 Sep 2020



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Michael Tonello  
Packaging Quality Control Inspector  
25 Sep 2020