

## New England Biolabs Certificate of Analysis

**Product Name:** *Blue Prestained Protein Standard*  
**Catalog Number:** *P7718G*  
**Packaging Lot Number:** *10158153*  
**Expiration Date:** *07/2024*  
**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	10156818	Pass

Assay Name/Specification	Lot # 10158153
<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.	<b>Pass</b>
<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.	<b>Pass</b>

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](http://www.neb.com/trademarks) for additional information.

*Alicia Bielik*

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Alicia Bielik  
Production Scientist  
08 Jul 2022

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
08 Jul 2022