

## New England Biolabs Certificate of Analysis

**Product Name:** *Color Prestained Protein Standard, Broad Range (10-250 kDa)*  
**Catalog Number:** *P7719S*  
**Packaging Lot Number:** *10243984*  
**Expiration Date:** *09/2025*  
**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-P7719S/L v1.0*

| Color Prestained Protein Standard, Broad Range (10-250 kDa) Component List |   |            |                      |
|--|---|------------|----------------------|
| NEB Part Number  | Component Description                                       | Lot Number | Individual QC Result |
| P7719SVIAL   | Color Prestained Protein Standard, Broad Range (10-250 kDa) | 10208344   | Pass                 |

| Assay Name/Specification   | Lot # 10243984 |
|--|----------------|
| <b>Electrophoretic Pattern (Protein Marker)</b><br>The banding pattern of Color Prestained Protein Standard, Broad Range (10-250 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>    |
| <b>Protease Activity (Protein Markers &amp; Ladders)</b><br>A 20 µl sample of Color Prestained Protein Standard, Broad Range (10-250 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>    |

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

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Alicia Bielik  
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20 Sep 2023



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Michael Tonello  
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10 Jun 2024