

## New England Biolabs Certificate of Analysis

**Product Name:** *Unstained Protein Standard, Broad Range*  
**Catalog Number:** *P7717L*  
**Packaging Lot Number:** *10191272*  
**Expiration Date:** *11/2024*  
**Storage Temperature:** *-20°C*  
**Storage Conditions:** *62.5 mM Tris-Phosphate, 1 mM EDTA, 2% SDS, 100 mM DTT, 1 mM NaN<sub>3</sub>, 0.01% Bromophenol Blue, 33% Glycerol*  
**Specification Version:** *PS-P7717S/L v1.0*

Unstained Protein Standard, Broad Range Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P7717SVIAL	Unstained Protein Standard, Broad Range	10173099	Pass

Assay Name/Specification	Lot # 10191272
<b>Electrophoretic Pattern (Protein Marker)</b> The banding pattern of Unstained Protein Standard, Broad Range (10-200 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 Unstained Protein Standard, Broad Range (10-200 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.

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  
28 Nov 2022

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
28 Jul 2023