

## New England Biolabs Certificate of Analysis

*Product Name:* Unstained Protein Standard, Broad Range  
*Catalog Number:* P7717L  
*Packaging Lot Number:* 10148406  
*Expiration Date:* 12/2023  
*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	10130312	Pass

Assay Name/Specification	Lot # 10148406
<p><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.</p>	Pass
<p><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.</p>	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  
11 Apr 2022

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
11 Apr 2022