

## New England Biolabs Certificate of Analysis

**Product Name:** *Unstained Protein Standard, Broad Range (10-200 kDa)*  
**Catalog Number:** *P7704S*  
**Concentration:** *0.75 mg/ml*  
**Unit Definition:** *N/A*  
**Lot Number:** *10018029*  
**Expiration Date:** *07/2020*  
**Storage Temperature:** *-20°C*  
**Storage Conditions:** *20 mM Tris-Phosphate, 2 % SDS, 0.2 mM DTT, 3.6 M Urea, 15 % Glycerol, (pH 7.5 @ 25°C)*  
**Specification Version:** *PS-P7704S/L v1.0*

Unstained Protein Standard, Broad Range (10-200 kDa) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P7704SVIAL	Unstained Protein Standard, Broad Range (10-200 kDa)	10011020	Pass

Assay Name/Specification	Lot # 10018029
<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.

*Beth M. Paschal*

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Beth Paschal  
Production Scientist  
05 Jul 2018

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
09 Aug 2018