

## New England Biolabs Certificate of Analysis

**Product Name:** *Unstained Protein Standard, Broad Range (10-200 kDa)*  
**Catalog #:** *P7704S/L*  
**Concentration:** *0.75 mg/ml*  
**Unit Definition:** *N/A*  
**Lot #:** *0011708*  
**Assay Date:** *08/2017*  
**Expiration Date:** *08/2019*  
**Storage Temp:** *-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*  
**Effective Date:** *11 Nov 2016*

Assay Name/Specification (minimum release criteria)	Lot #0011708
<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.	<b>Pass</b>
<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.	<b>Pass</b>



Authorized by  
Derek Robinson  
11 Nov 2016



Inspected by  
Beth Paschal  
11 Aug 2017

