

## New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface<sup>®</sup> Block  
Catalog Number: S9143S  
Packaging Lot Number: 10085978  
Expiration Date: 09/2024  
Storage Temperature: -20°C  
Specification Version: PS-S9143S v3.0

SNAP-Surface <sup>®</sup> Block Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9143SVIAL	SNAP-Surface <sup>®</sup> Block	10052778	Pass

Assay Name/Specification	Lot # 10085978
<b>Physical Purity (HPLC)</b> SNAP-Surface <sup>®</sup> Block is ≥ 90% pure as determined by HPLC analysis.	Pass
<b>In Vitro Protein Labeling (Blocking Assay)</b> A 50 µl reaction in 1X PBS and 1 mM DTT containing 5 µM of SNAP-tag <sup>®</sup> Purified Protein and a minimum of 40 µM of SNAP-Surface <sup>®</sup> Block for 30 minutes followed by 10 µM SNAP-Cell <sup>®</sup> TMR-Star is incubated for 1 hour at 37°C results in the expected absence of labeled product that is visualized on SDS-PAGE by fluorescent detection.	Pass
<b>Identity (Mass Spectrometry)</b> The observed molecular mass of SNAP-Surface <sup>®</sup> Block is 313.1 Da +/- 1 Da as determined by mass spectrometry analysis.	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.

*Christopher R. Provost*

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Chris Provost  
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15 Dec 2020

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
15 Dec 2020