

## New England Biolabs Certificate of Analysis

Product Name: SNAP-Cell® 647-SiR  
 Catalog Number: S9102S  
 Packaging Lot Number: 10137022  
 Expiration Date: 01/2027  
 Storage Temperature: -20°C  
 Specification Version: PS-S9102S v3.0

SNAP-Cell® 647-SiR Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9102SVIAL	SNAP-Cell® 647-SiR	10137021	Pass

Assay Name/Specification	Lot # 10137022
<p><b>In Vitro Protein Labeling</b>            A 50 µl reaction in 1X PBS and 1 mM DTT containing 5 µM of SNAP-tag® Purified Protein and a minimum of 10 µM of SNAP-Cell® 647-SiR is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by fluorescent detection.</p>	Pass
<p><b>Physical Purity (HPLC)</b>            SNAP-Cell® 647-SiR is ≥ 90% pure as determined by HPLC analysis.</p>	Pass
<p><b>Identity (Mass Spectrometry)</b>            The observed molecular mass of SNAP-Cell® 647-SiR is 724.3 Da +/- 1 Da as determined by mass spectrometry analysis.</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.

Christopher R. Provost

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Chris Provost  
Production Scientist  
22 Feb 2022



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Josh Hersey  
Packaging Quality Control Inspector  
22 Feb 2022