

New England Biolabs Certificate of Analysis

Product Name: SNAP-Cell® 647-SiR
Catalog Number: S9102S
Packaging Lot Number: 10178315
Expiration Date: 01/2028
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	10176793	Pass

Assay Name/Specification	Lot # 10178315
Physical Purity (HPLC) SNAP-Cell® 647-SiR is ≥ 90% pure as determined by HPLC analysis.	Pass
Identity (Mass Spectrometry) The observed molecular mass of SNAP-Cell® 647-SiR is 724.3 Da +/- 1 Da as determined by mass spectrometry analysis.	Pass
In Vitro Protein Labeling 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.	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 for additional information.

Christopher R. Provost

Chris Provost
Production Scientist
13 Jan 2023

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
31 Jan 2023