

New England Biolabs Certificate of Analysis

Product Name: SNAP-Cell[®] 647-SiR
Catalog Number: S9102S
Packaging Lot Number: 10062869
Expiration Date: 10/2024
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	10056018	Pass

Assay Name/Specification	Lot # 10062869
Physical Purity (HPLC) SNAP-Cell [®] 647-SiR is ≥ 90% pure as determined by HPLC 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
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

This product has been tested and shown to be in compliance with all specifications.

Christopher R. Provost

Chris Provost
Production Scientist
18 Oct 2019

Jay Minichiello

Jay Minichiello
Packaging Quality Control Inspector
10 Feb 2020