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New England Biolabs Certificate of Analysis

Product Name: SNAP-Cell® 647-SiR

Catalog Number: S9102S
Packaging Lot Number: 10204937
Expiration Date: 08/2028
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	10199006	Pass

Assay Name/Specification	Lot # 10204937
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 μ I reaction in 1X PBS and 1 mM DTT containing 5 μ M of SNAP-tag® Purified Protein and a minimum of 10 μ M 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
Physical Purity (HPLC) SNAP-Cell® 647-SiR is ≥ 90% pure as determined by HPLC analysis.	Pass

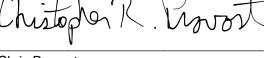
This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



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Chris Provost Production Scientist 16 Aug 2023 Michael Tonello

Packaging Quality Control Inspector

16 Aug 2023

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