

New England Biolabs Certificate of Analysis

Product Name: SNAP-Cell[®] TMR-STAR
Catalog Number: S9105S
Packaging Lot Number: 10144354
Expiration Date: 03/2027
Storage Temperature: -20°C
Specification Version: PS-S9105S v3.0

| SNAP-Cell [®] TMR-STAR Component List | | | |
|------------------------------------------------|---------------------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| S9105SVIAL | SNAP-Cell [®] TMR-Star | 10144353 | Pass |

| Assay Name/Specification | Lot # 10144354 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 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 [®] TMR-Star 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 [®] TMR-Star is 676.2 Da +/- 1 Da as determined by mass spectrometry analysis. | Pass |
| Physical Purity (HPLC) SNAP-Cell [®] TMR-Star is ≥ 75% 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.

Christopher R. Provost

Chris Provost
Production Scientist
21 Apr 2022

Erin Varney

Erin Varney
Packaging Quality Control Inspector
21 Apr 2022