

New England Biolabs Certificate of Analysis

Product Name: SNAP-Cell® TMR-STAR
Catalog Number: S9105S
Lot Number: 10043113
Expiration Date: 04/2024
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™ | 10041659 | Pass |

| Assay Name/Specification | Lot # 10043113 |
|--|----------------|
| Physical Purity (HPLC) SNAP-Cell® TMR-Star is ≥ 75% pure as determined by HPLC analysis. | 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 |
| 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 |

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

Christopher R. Provost

Chris Provost
Production Scientist
12 Apr 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
12 Apr 2019