

## New England Biolabs Certificate of Analysis

**Product Name:** SNAP-Cell<sup>®</sup> TMR-STAR  
**Catalog Number:** S9105S  
**Packaging Lot Number:** 10094849  
**Expiration Date:** 02/2026  
**Storage Temperature:** -20°C  
**Specification Version:** PS-S9105S v3.0

SNAP-Cell <sup>®</sup> TMR-STAR Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9105SVIAL	SNAP-Cell <sup>®</sup> TMR-Star	10094848	Pass

Assay Name/Specification	Lot # 10094849
<b>Physical Purity (HPLC)</b> SNAP-Cell <sup>®</sup> TMR-Star is ≥ 75% pure as determined by HPLC analysis.	Pass
<b>In Vitro Protein Labeling</b> A 50 µl reaction in 1X PBS and 1 mM DTT containing 5 µM of SNAP-tag <sup>®</sup> Purified Protein and a minimum of 10 µM of SNAP-Cell <sup>®</sup> 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
<b>Identity (Mass Spectrometry)</b> The observed molecular mass of SNAP-Cell <sup>®</sup> TMR-Star is 676.2 Da +/- 1 Da as determined by mass spectrometry 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](http://www.neb.com/trademarks) for additional information.

*Christopher R. Provost*

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Chris Provost  
Production Scientist  
19 Feb 2021

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
19 Feb 2021