

New England Biolabs Certificate of Analysis

Product Name: SNAP-Cell[®] Fluorescein
Catalog Number: S9107S
Lot Number: 10018919
Expiration Date: 08/2021
Storage Temperature: -20°C
Specification Version: PS-S9107S v2.0

SNAP-Cell [®] Fluorescein Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9107SVIAL	SNAP-Cell [®] Fluorescein	10020365	Pass

Assay Name/Specification	Lot # 10018919
<p>Cellular Protein Labeling (Intracellular) Mammalian cells transfected with pSNAPf-H2B expressing Histone H2B protein (nucleus) were labeled with 5 µM SNAP-Cell[®] Fluorescein for 1 hour and visualized by fluorescence microscopy resulting in the expected intracellular labeling.</p>	Pass
<p>Identity (Mass Spectrometry) The observed molecular mass of SNAP-Cell[®] Fluorescein is 712.2 Da +/- 1 Da as determined by mass spectrometry analysis.</p>	Pass
<p>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[®] Fluorescein is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by fluorescent detection.</p>	Pass
<p>Physical Purity (HPLC) SNAP-Cell[®] Fluorescein is ≥ 70% pure as determined by HPLC analysis.</p>	Pass

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

Christopher R. Provost

Chris Provost
Production Scientist
07 Nov 2018

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
09 Nov 2018