

New England Biolabs Certificate of Analysis

Product Name: SNAP-Cell[®] Oregon Green
Catalog Number: S9104S
Lot Number: 10026387
Expiration Date: 10/2021
Storage Temperature: -20°C
Specification Version: PS-S9104S v2.0

SNAP-Cell [®] Oregon Green Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9104SVIAL	SNAP-Cell [®] Oregon Green	10026389	Pass

Assay Name/Specification	Lot # 10026387
Cellular Protein Labeling (Intracellular) Mammalian cells transfected with pSNAPf-H2B expressing Histone H2B protein (nucleus) were labeled with 5 µM SNAP-Cell [®] Oregon Green [®] for 1 hour and visualized by fluorescence microscopy resulting in the expected intracellular labeling.	Pass
Identity (Mass Spectrometry) The observed molecular mass of SNAP-Cell [®] Oregon Green [®] is 833.3 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 [®] Oregon Green [®] 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 [®] Oregon Green [®] is ≥ 70% pure as determined by HPLC analysis.	Pass

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

Christopher R. Provost

Chris Provost
Production Scientist
25 Oct 2018

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
26 Oct 2018