

New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface[®] Block
Catalog Number: S9143S
Lot Number: 10043588
Expiration Date: 05/2024
Storage Temperature: -20°C
Specification Version: PS-S9143S v3.0

SNAP-Surface [®] Block Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9143SVIAL	SNAP-Surface [®] Block	10043589	Pass

Assay Name/Specification	Lot # 10043588
Identity (Mass Spectrometry) The observed molecular mass of SNAP-Surface [®] Block is 313.1 Da +/- 1 Da as determined by mass spectrometry analysis.	Pass
In Vitro Protein Labeling (Blocking Assay) A 50 µl reaction in 1X PBS and 1 mM DTT containing 5 µM of SNAP-tag [®] Purified Protein and a minimum of 40 µM of SNAP-Surface [®] Block for 30 minutes followed by 10 µM SNAP-Cell [®] TMR-Star is incubated for 1 hour at 37°C results in the expected absence of labeled product that is visualized on SDS-PAGE by fluorescent detection.	Pass
Physical Purity (HPLC) SNAP-Surface [®] Block is ≥ 90% 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
20 May 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
21 May 2019