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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

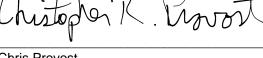
Assay Name/Specification	Lot # 10043588
Identity (Mass Spectrometry) The observed molecular mass of SNAP-Surface® Block is 313.1 Da +/- 1 Da as	Pass
determined by mass spectrometry analysis.	
In Vitro Protein Labeling (Blocking Assay)	Pass
A 50 μl reaction in 1X PBS and 1 mM DTT containing 5 μM of SNAP-tag® 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.	
Physical Purity (HPLC)	Pass
SNAP-Surface® Block is ≥ 90% pure as determined by HPLC analysis.	

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



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Chris Provost Production Scientist 20 May 2019 Michael Tonello

Packaging Quality Control Inspector

21 May 2019