

New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface[®] 549
Catalog Number: S9112S
Lot Number: 10046987
Expiration Date: 06/2024
Storage Temperature: -20°C
Specification Version: PS-S9112S v3.0

SNAP-Surface [®] 549 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9112SVIAL	SNAP-Surface [®] 549	10046988	Pass

Assay Name/Specification	Lot # 10046987
Physical Purity (HPLC) SNAP-Surface [®] 549 is ≥ 90% pure as determined by HPLC 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-Surface [®] 549 is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by fluorescent detection.	Pass
Identity (Mass Spectrometry) The observed molecular mass of SNAP-Surface [®] 549 is 1128.3 Da +/- 1 Da as determined by mass spectrometry analysis.	Pass

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

Christopher R. Provost

Chris Provost
Production Scientist
19 Jun 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
15 Jul 2019