

New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface[®] Alexa Fluor 647
 Catalog Number: S9136S
 Packaging Lot Number: 10171421
 Expiration Date: 11/2027
 Storage Temperature: -20°C
 Specification Version: PS-S9136S v3.0

SNAP-Surface [®] Alexa Fluor 647 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9136SVIAL	SNAP-Surface [®] Alexa Fluor [®] 647	10169048	Pass

Assay Name/Specification	Lot # 10171421
Identity (Mass Spectrometry) The observed molecular mass of SNAP-Surface [®] Alexa Fluor [®] 647 is 1110.3 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-Surface [®] Alexa Fluor [®] 647 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-Surface [®] Alexa Fluor [®] 647 is ≥ 90% pure as determined by HPLC analysis.	Pass

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.

Christopher R. Provost

Chris Provost
Production Scientist
07 Nov 2022

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
10 Nov 2022