

New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface® Alexa Fluor 647
Catalog Number: S9136S
Lot Number: 10043272
Expiration Date: 03/2024
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
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Assay Name/Specification	Lot # 10043272
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.



Chris Provost
Production Scientist
22 Mar 2019



Jay Minichiello
Packaging Quality Control Inspector
16 Apr 2019