

New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface® Alexa Fluor 647
Catalog Number: S9136S
Packaging Lot Number: 10140213
Expiration Date: 02/2027
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 | 10140212 | Pass |

| Assay Name/Specification | Lot # 10140213 |
|---|----------------|
| Physical Purity (HPLC) SNAP-Surface® Alexa Fluor® 647 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® 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 |
| 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 |

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
23 Feb 2022

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
23 Feb 2022