

New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface® Alexa Fluor 647
 Catalog Number: S9136S
 Packaging Lot Number: 10225698
 Expiration Date: 12/2028
 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	10217798	Pass

Assay Name/Specification	Lot # 10225698
<p>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.</p>	Pass
<p>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.</p>	Pass
<p>Physical Purity (HPLC) SNAP-Surface® Alexa Fluor® 647 is ≥ 90% pure as determined by HPLC analysis.</p>	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
21 Dec 2023

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
27 Dec 2023