

## New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface® Alexa Fluor 647  
 Catalog Number: S9136S  
 Packaging Lot Number: 10068233  
 Expiration Date: 03/2025  
 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	10068232	Pass

Assay Name/Specification	Lot # 10068233
<p><b>Identity (Mass Spectrometry)</b>            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><b>In Vitro Protein Labeling</b>            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><b>Physical Purity (HPLC)</b>            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.

*Christopher R. Provost*

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Chris Provost  
Production Scientist  
10 Apr 2020

*Jay Minichiello*

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Jay Minichiello  
Packaging Quality Control Inspector  
10 Apr 2020