

New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface[®] Alexa Fluor 546
 Catalog Number: S9132S
 Packaging Lot Number: 10200940
 Expiration Date: 07/2028
 Storage Temperature: -20°C
 Specification Version: PS-S9132S v3.0

SNAP-Surface [®] Alexa Fluor 546 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9132SVIAL	SNAP-Surface [®] Alexa Fluor [®] 546	10198523	Pass

Assay Name/Specification	Lot # 10200940
<p>Identity (Mass Spectrometry) The observed molecular mass of SNAP-Surface[®] Alexa Fluor[®] 546 is 1211.2 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[®] 546 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[®] 546 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
05 Jul 2023



Josh Hersey
Packaging Quality Control Inspector
18 Jul 2023