

## New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface® Alexa Fluor 488  
 Catalog Number: S9129S  
 Lot Number: 10048137  
 Expiration Date: 05/2024  
 Storage Temperature: -20°C  
 Specification Version: PS-S9129S v3.0

### SNAP-Surface® Alexa Fluor 488 Component List

NEB Part Number	Component Description	Lot Number	Individual QC Result
S9129SVIAL	SNAP-Surface® Alexa Fluor® 488	10043603	Pass

Assay Name/Specification	Lot # 10048137
<p><b>Identity (Mass Spectrometry)</b>            The observed molecular mass of SNAP-Surface® Alexa Fluor® 488 is 786.1 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® 488 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® 488 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  
19 Jun 2019

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
09 Aug 2019