

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

New England Biolabs Certificate of Analysis

Product Name: SNAP-Surface® 549

Catalog Number: S9112S
Packaging Lot Number: 10205091
Expiration Date: 07/2028
Storage Temperature: -20°C

Specification Version: PS-S9112S v3.0

SNAP-Surface® 549 Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
S9112SVIAL	SNAP-Surface® 549	10198530	Pass	

Assay Name/Specification	Lot # 10205091
Identity (Mass Spectrometry) The observed molecular mass of SNAP-Surface® 549 is 1128.3 Da +/- 1 Da as determined by mass spectrometry analysis.	Pass
In Vitro Protein Labeling A 50 μ I reaction in 1X PBS and 1 mM DTT containing 5 μ M of SNAP-tag® Purified Protein and a minimum of 10 μ M of SNAP-Surface® 549 is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by fluorescent detection.	Pass
Physical Purity (HPLC) SNAP-Surface® 549 is ≥ 90% pure as determined by HPLC analysis.	Pass

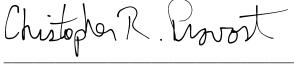
This product has been tested and shown to be in compliance with all specifications.

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.



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Chris Provost Production Scientist 30 Jun 2023 Michael Tonello

Packaging Quality Control Inspector

28 Sep 2023

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