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New England Biolabs Certificate of Analysis

Product Name: CLIP-Surface™ 647

Catalog Number: S9234S
Packaging Lot Number: 10109448
Expiration Date: 09/2026
Storage Temperature: -20°C

Specification Version: PS-S9234S v4.0

CLIP-Surface™ 647 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9234SVIAL	CLIP-Surface™ 647	10109447	Pass

Assay Name/Specification	Lot # 10109448
Identity (Mass Spectrometry) The observed molecular mass of CLIP-Surface™ 647 is 854.3 Da +/- 1 Da as determined by mass spectrometry analysis.	Pass
In Vitro Protein Labeling A 50 μl reaction in 1X PBS and 1 mM DTT containing 5 μM of CLIP-tag® Purified Protein and a minimum of 10 μM of CLIP-Surface™ 647 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) CLIP-Surface™ 647 is ≥ 80% pure as determined by HPLC analysis.	Pass

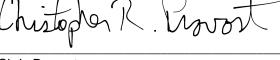
This product has been tested and shown to be in compliance with all specifications.

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 19 Nov 2021 Michael Tonello

Packaging Quality Control Inspector

19 Nov 2021

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