

## New England Biolabs Certificate of Analysis

Product Name: CLIP-Surface™ 488  
 Catalog Number: S9232S  
 Packaging Lot Number: 10211262  
 Expiration Date: 09/2028  
 Storage Temperature: -20°C  
 Specification Version: PS-S9232S v3.0

### CLIP-Surface™ 488 Component List

NEB Part Number	Component Description	Lot Number	Individual QC Result
S9232SVIAL	CLIP-Surface™ 488	10210736	Pass

Assay Name/Specification	Lot # 10211262
<b>Identity (Mass Spectrometry)</b> The observed molecular mass of CLIP-Surface™ 488 is 801.2 Da +/- 1 Da as determined by mass spectrometry analysis.	Pass
<b>In Vitro Protein Labeling</b> 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™ 488 is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by fluorescent detection.	Pass
<b>Physical Purity (HPLC)</b> CLIP-Surface™ 488 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](http://www.neb.com/trademarks) for additional information.

*Christopher R. Provost*

---

Chris Provost  
Production Scientist  
26 Sep 2023

*Michael Tonello*

---

Michael Tonello  
Packaging Quality Control Inspector  
28 Sep 2023