

## New England Biolabs Certificate of Analysis

**Product Name:** CLIP-Cell™ 505  
**Catalog Number:** S9217S  
**Packaging Lot Number:** 10081965  
**Expiration Date:** 08/2025  
**Storage Temperature:** -20°C  
**Specification Version:** PS-S9217S v3.0

| CLIP-Cell™ 505 Component List |                       |            |                      |
|-------------------------------|-----------------------|------------|----------------------|
| NEB Part Number               | Component Description | Lot Number | Individual QC Result |
| S9217SVIAL                    | CLIP-Cell 505™        | 10081966   | Pass                 |

| Assay Name/Specification  | Lot # 10081965 |
|---|----------------|
| <b>Physical Purity (HPLC)</b><br>CLIP-Cell™ 505 is ≥ 80% pure as determined by HPLC analysis.   | <b>Pass</b>    |
| <b>In Vitro Protein Labeling</b><br>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-Cell™ 505 is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by fluorescent detection. | <b>Pass</b>    |
| <b>Identity (Mass Spectrometry)</b><br>The observed molecular mass of CLIP-Cell™ 505 is 587.2 Da +/- 1 Da as determined by mass spectrometry analysis.  | <b>Pass</b>    |

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*

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Chris Provost  
Production Scientist  
24 Sep 2020

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
24 Sep 2020