Horizon Analytical

# Certificate of Analysis

Lot Number: IWR-6055127-P
Client Name: Iron Within Research
Identity: www.ironwithinresearch.com

Received Date: 06/29/2026
Analysis Conducted: 06/24/2026
Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | BPC-157 |
| Lot: | IWR-6055127-P |
| Appearance: | Blue Lyophilized Powder |

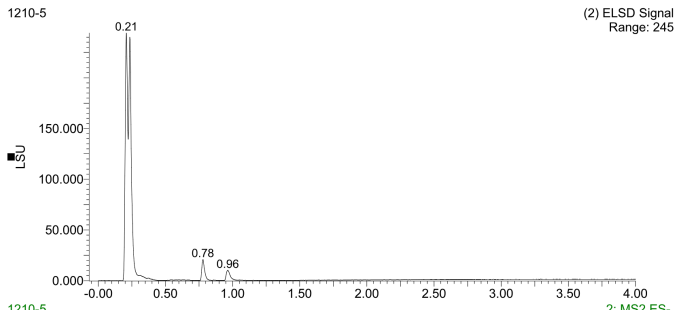
| | |
|---|---|
| CAS: | 137525-51-0 |
| Formula: | $C_{62}H_{98}N_{16}O_{22}$ |
| Mol Weight: | ~1419.5 g/mol |

Pubchem CID: 108101

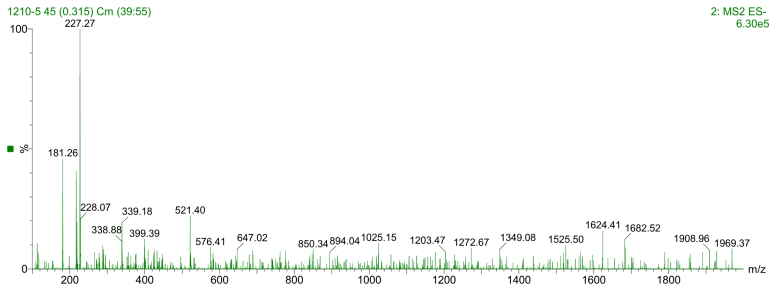
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | BPC-157 | BPC-157 | |
| Quantity: | 10mg | 9.88mg | |
| Purity: | ≥98% | 99.31% | |

UPLC




MS




**Aleksey Yevtodiyenko PhD**
Research and Formulation Chemist

This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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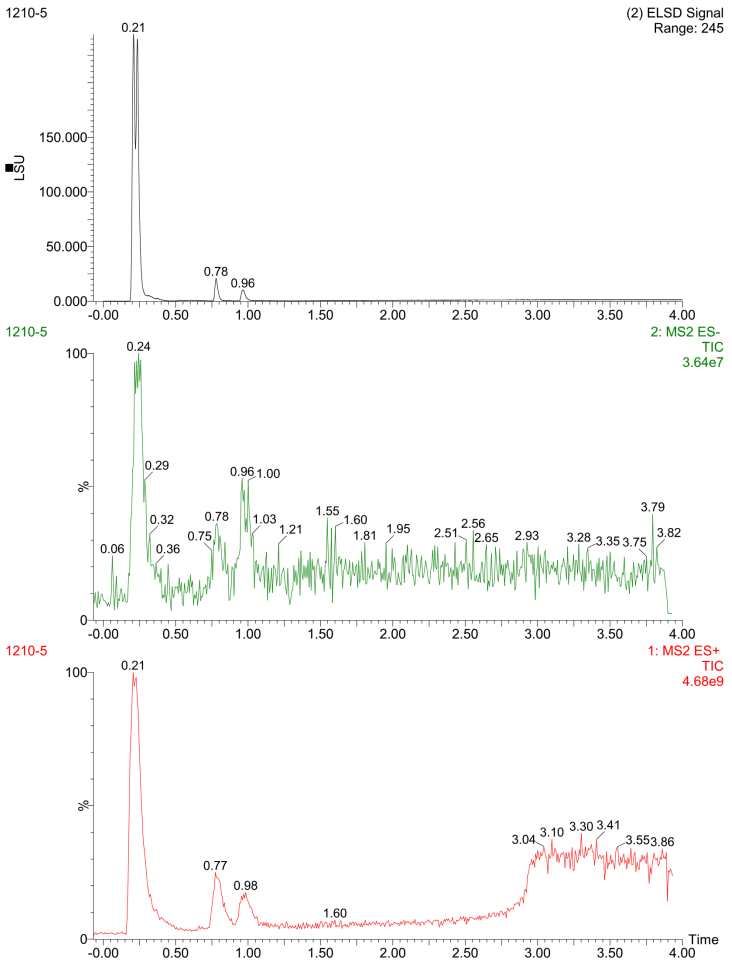
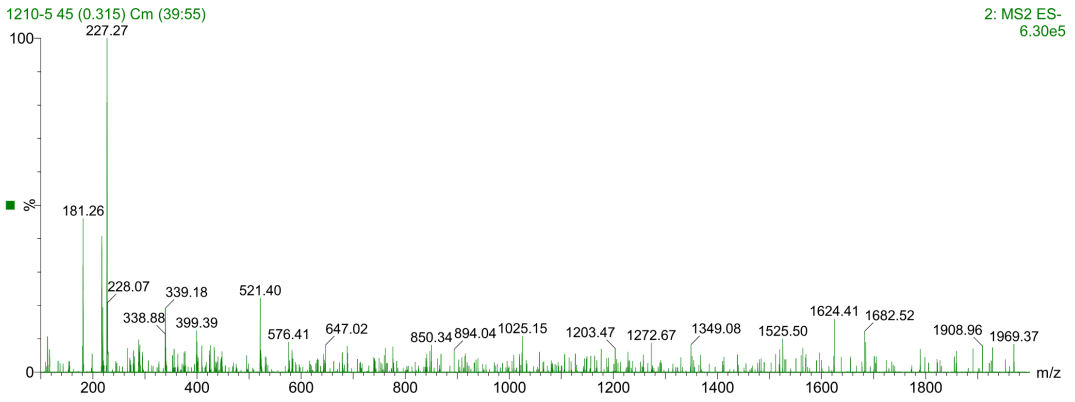
BPC-157 (10mg) • Pubchem CID: 108101

Ultra High Performance Liquid Chromatography (UPLC)




Mass Spectrometry (MS)



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| | |
|---|---|
| Compound: | TB-500 |
| Lot: | IWR-6055127-P |
| Appearance: | Blue Lyophilized Powder |

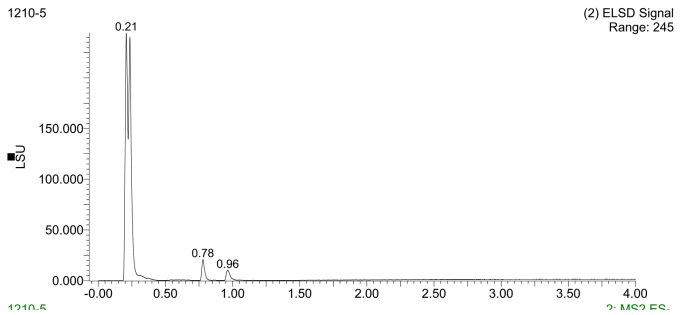
| | |
|---|---|
| CAS: | 77591-33-4 |
| Formula: | $C_{212}H_{350}N_{56}O_{78}S$ |
| Mol Weight: | ~4963 g/mol |

Pubchem CID: 16132341

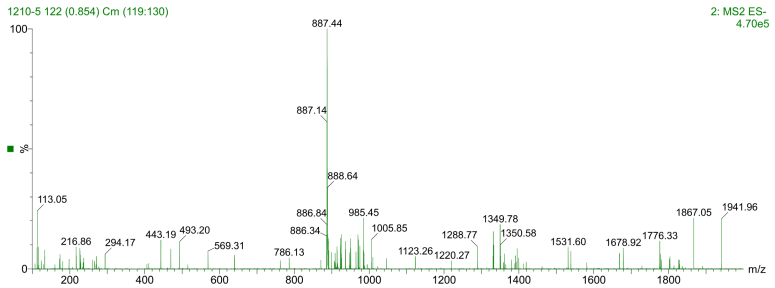
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | TB-500 | TB-500 | |
| Quantity: | 10mg | 9.88 | |
| Purity: | ≥98% | 99.27% | |

UPLC




MS




Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

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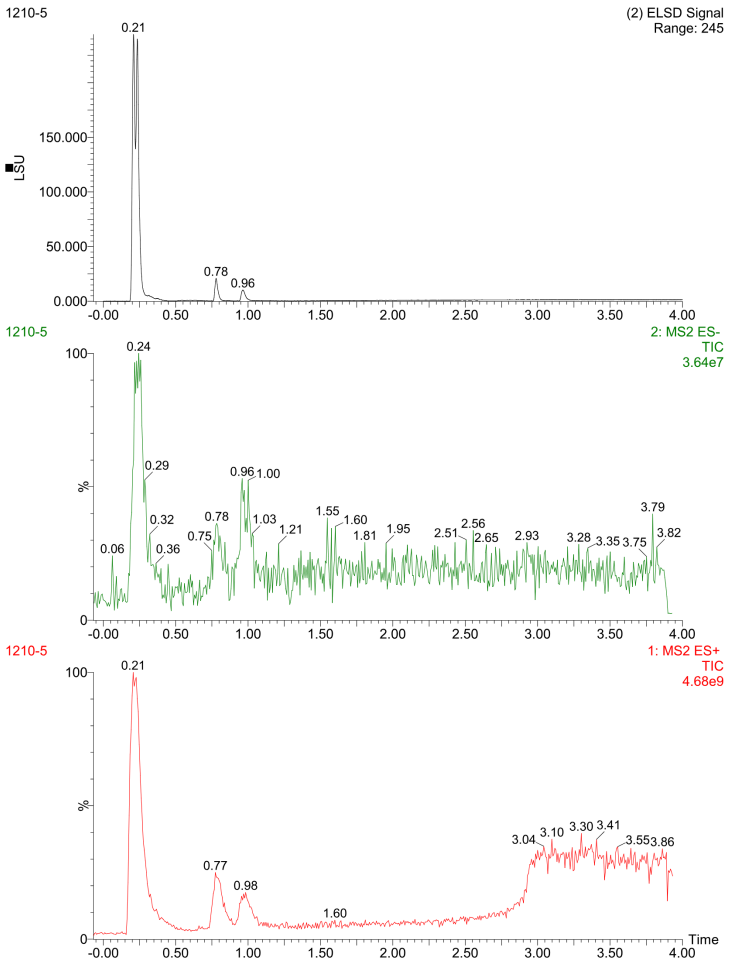
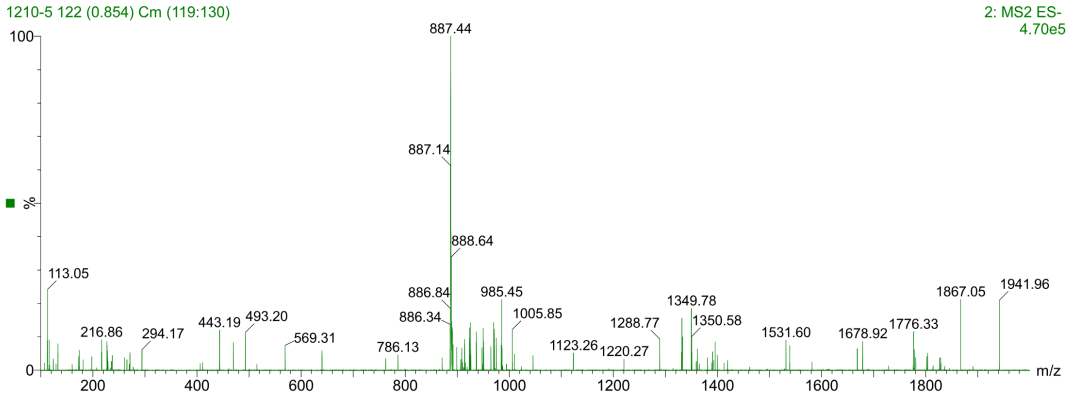
TB-500 (10mg) • Pubchem CID: 16132341

Ultra High Performance Liquid Chromatography (UPLC)




Mass Spectrometry (MS)



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Identity: www.ironwithinresearch.com

Received Date: 06/29/2026
Analysis Conducted: 06/24/2026
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| | |
|---|---|
| Compound: | GHK-Cu |
| Lot: | IWR-6055127-P |
| Appearance: | Blue Lyophilized Powder |

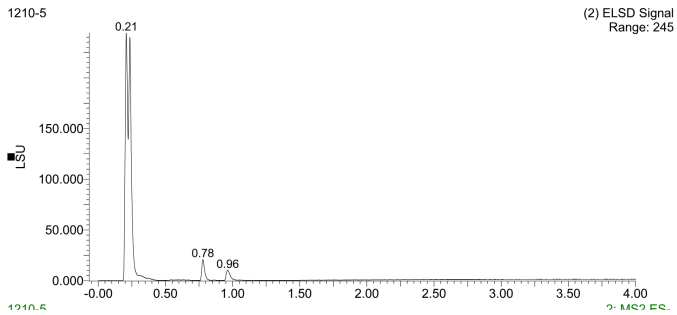
| | |
|---|---|
| CAS: | 89030-95-5 |
| Formula: | $C_{14}H_{23}CuN_6O_4$ |
| Mol Weight: | ~402.92 g/mol |

Pubchem CID: 71587328

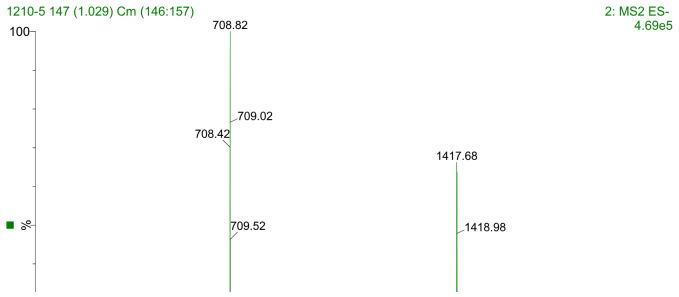
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | GHK-Cu | GHK-Cu | |
| Quantity: | 50mg | 50.5gm | |
| Purity: | ≥98% | 99.56% | |

UPLC




MS




Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

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Received Date: 06/29/2026
Analysis Conducted: 06/24/2026
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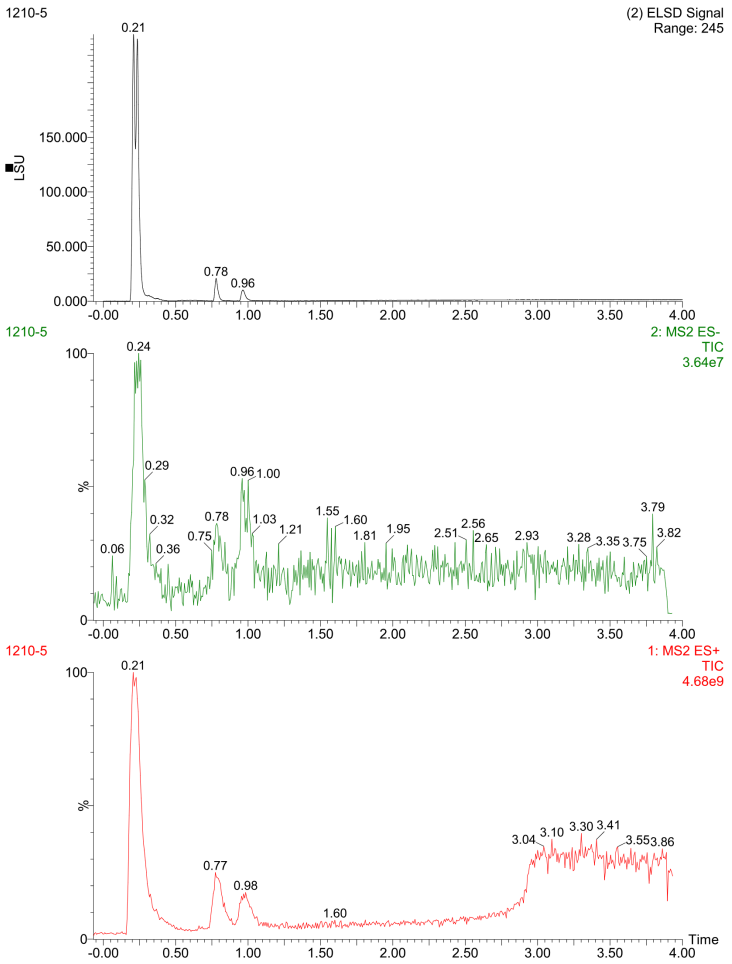
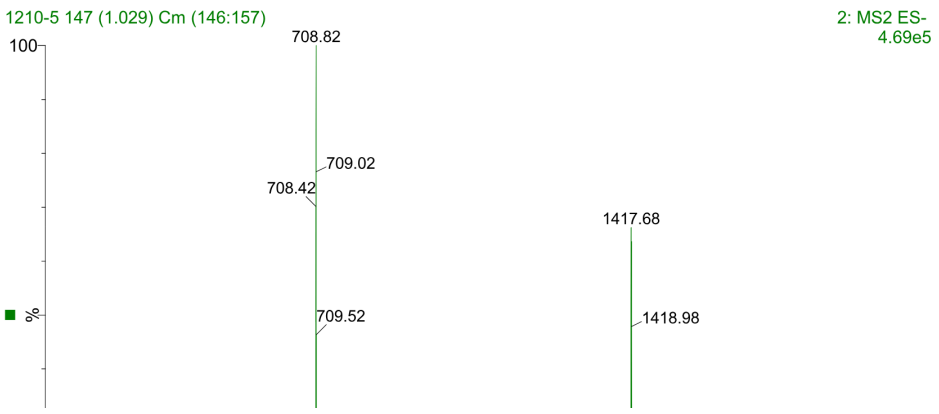
GHK-Cu (50mg) • Pubchem CID: 71587328

Ultra High Performance Liquid Chromatography (UPLC)




Mass Spectrometry (MS)



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# Certificate of Analysis

Lot Number: IWR-6055127-E
Client Name: Iron Within Research
Identity: www.ironwithinresearch.com

Received Date: 06/29/2026
Analysis Conducted: 06/24/2026
Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | GLOW |
| Lot: | IWR-6055127-E |
| Appearance: | - |

| | |
|---|---|
| CAS: | BPC-157, TB-500, GHK-Cu |
| Formula: | N/A |
| Mol Weight: | N/A |

Pubchem CID: N/A

**Endotoxin Test**

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| **Compound Test:** | GLOW | - | |
| **Endotoxin:** | - | < 0.05 EU/mL | |

Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

Contact at: contact@horizonanalytical.com

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