

Lot Number: **MMP-7964765**  
 Client Name: **Minuteman Peptides LLC**  
 Identity: **minutemanpeptides.com**

Received Date: **01/08/2026**  
 Analysis Conducted: **01/12/2026**  
 Searchable via: **horizonanalytical.com**

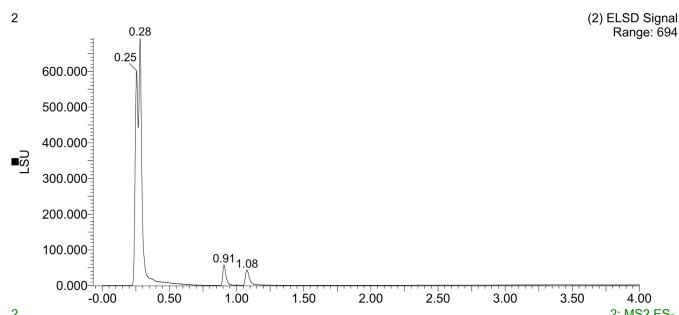
|             |                         |
|-------------|-------------------------|
| Compound:   | GHK-Cu                  |
| Lot:        | MMP-7964765             |
| Appearance: | Blue Lyophilized Powder |

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| CAS:        | 89030-95-5                                                      |
| Formula:    | C <sub>14</sub> H <sub>23</sub> CuN <sub>6</sub> O <sub>4</sub> |
| Mol Weight: | ~401.91 g/mol                                                   |

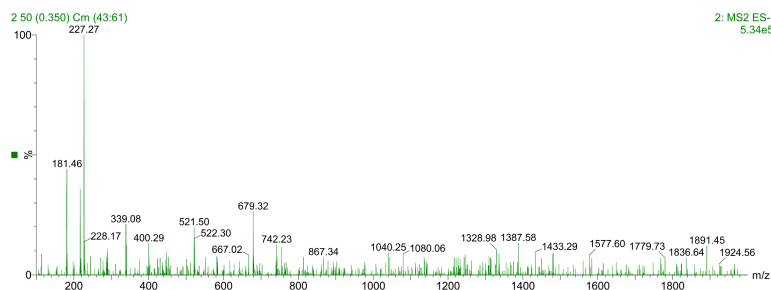
Pubchem CID: 73587

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          | 50.21mg |                                                                                      |
| Purity:        | >98%          | 99.05%  |                                                                                      |



UPLC



MS

**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

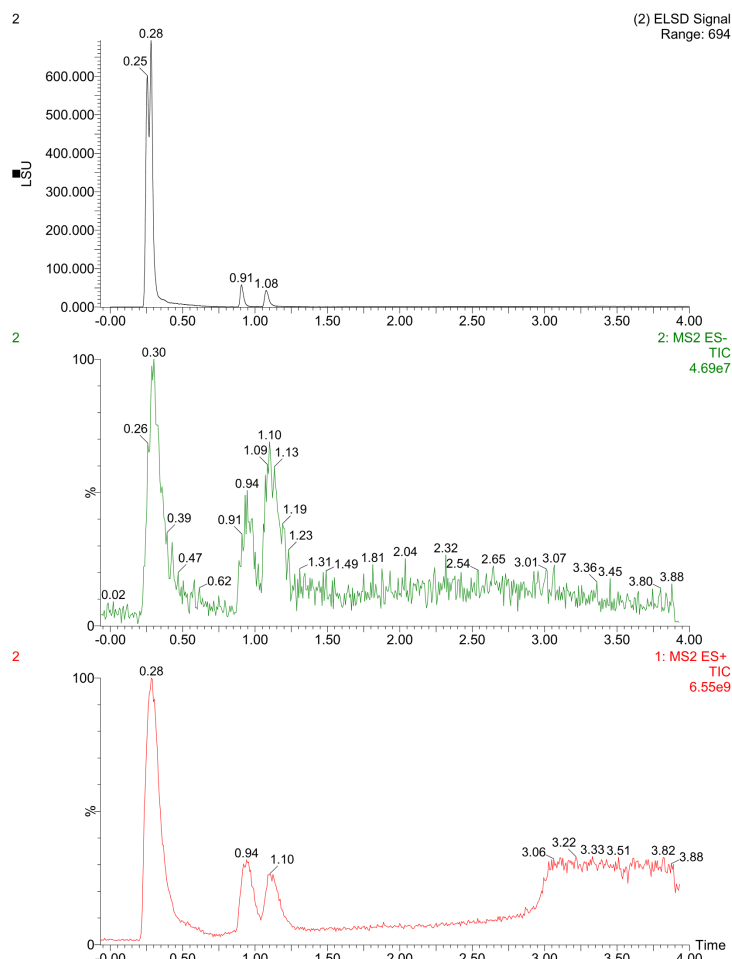


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

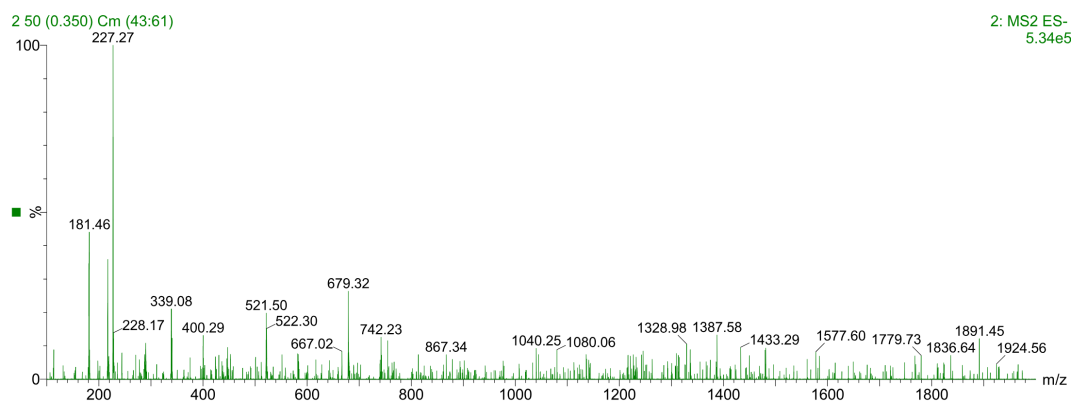
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GHK-Cu (50mg) • Pubchem CID: 73587  
 Ultra High Performance Liquid Chromatography (UPLC)



### Mass Spectrometry (MS)



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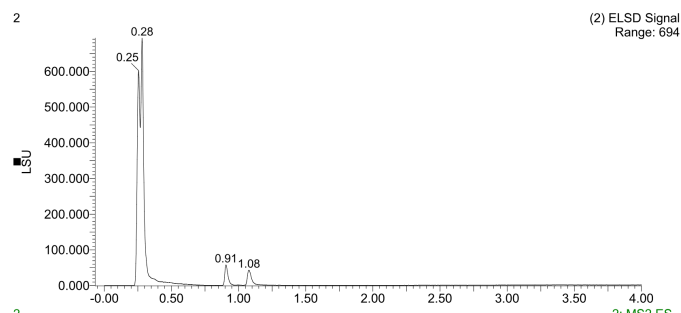
|             |                          |
|-------------|--------------------------|
| Compound:   | BPC-157                  |
| Lot:        | MMP-7964765              |
| Appearance: | White Lyophilized Powder |

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| CAS:        | 137525-51-0                                                     |
| Formula:    | C <sub>62</sub> H <sub>98</sub> N <sub>16</sub> O <sub>22</sub> |
| Mol Weight: | ~1419.5 g/mol                                                   |

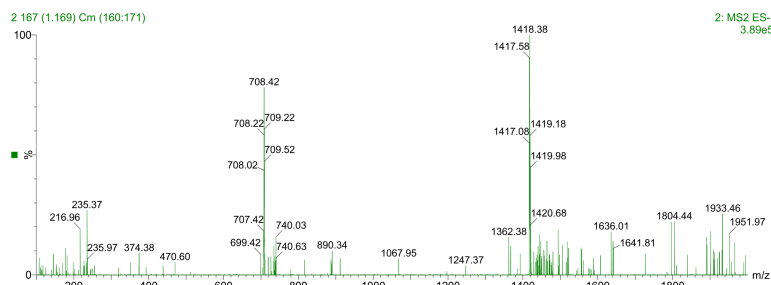
Pubchem CID: 108101

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          | 10.12mg |                                                                                      |
| Purity:        | >98%          | 99.05%  |                                                                                      |



UPLC



MS

**Aleksey Yevtodiyenko PhD**  
 Research and Formulation Chemist

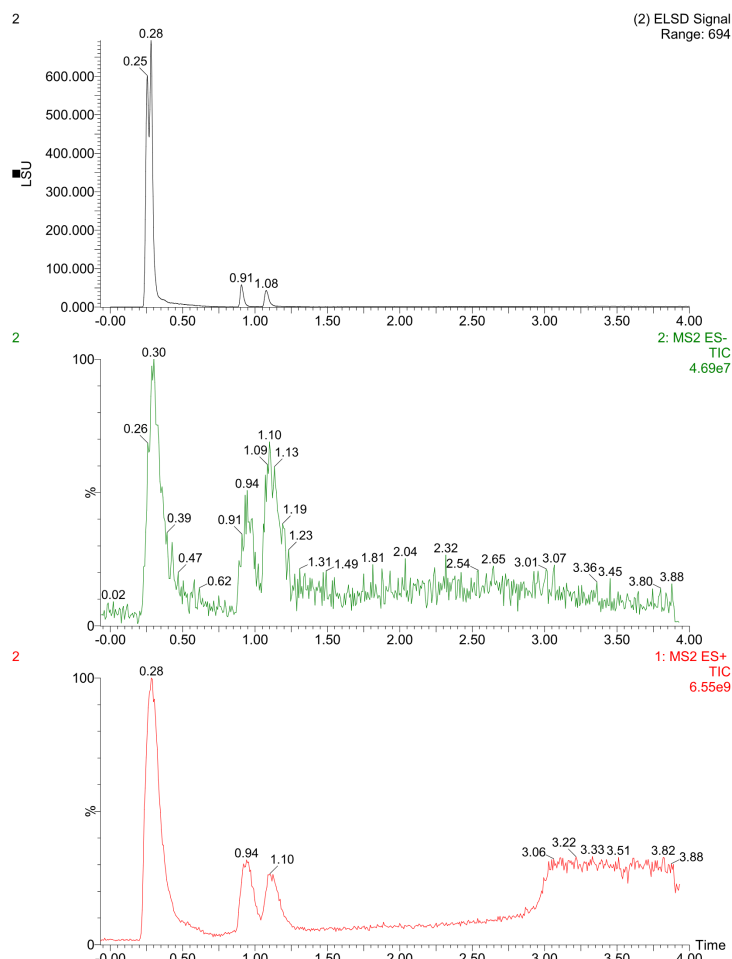


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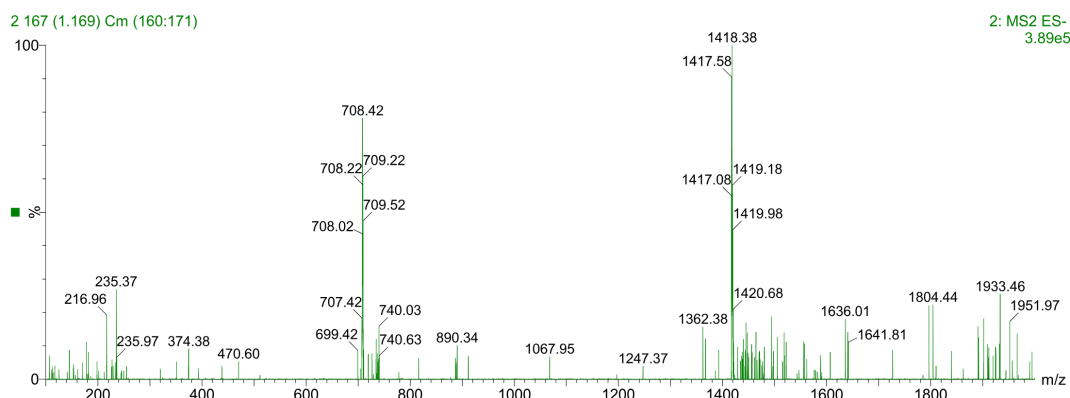
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BPC-157 (10mg) • Pubchem CID: 108101  
 Ultra High Performance Liquid Chromatography (UPLC)



### Mass Spectrometry (MS)



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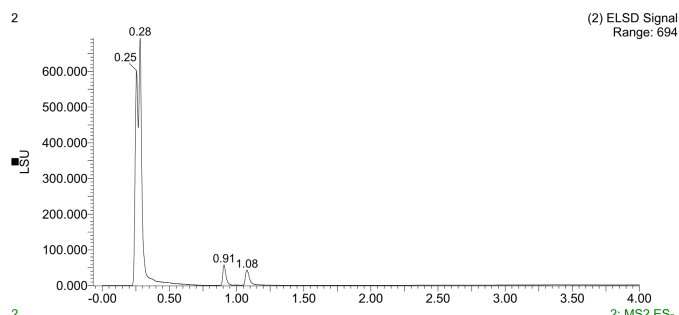
|             |                          |
|-------------|--------------------------|
| Compound:   | TB-500                   |
| Lot:        | MMP-7964765              |
| Appearance: | White Lyophilized Powder |

|             |                                                                     |
|-------------|---------------------------------------------------------------------|
| CAS:        | 77591-33-4                                                          |
| Formula:    | C <sub>212</sub> H <sub>350</sub> N <sub>56</sub> O <sub>78</sub> S |
| Mol Weight: | ~4963.4 g/mol                                                       |

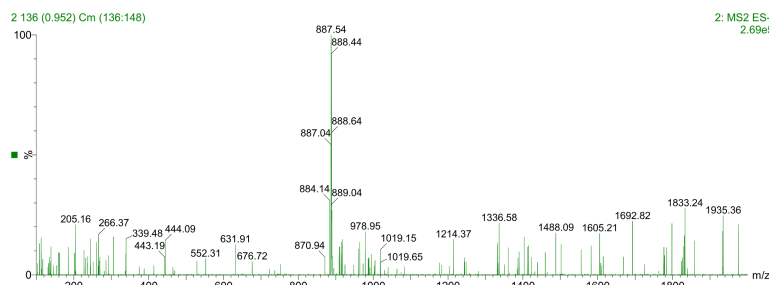
Pubchem CID: 16132341

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          | 10.14mg |                                                                                      |
| Purity:        | >98%          | 99.05%  |                                                                                      |



UPLC



MS

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 Research and Formulation Chemist

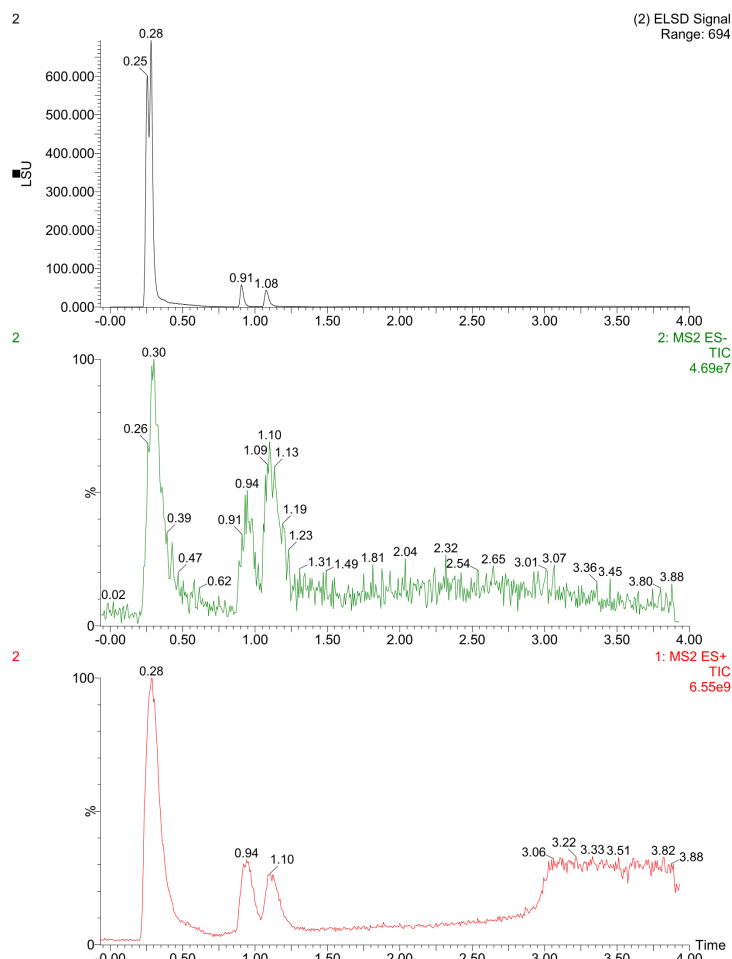


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TB-500 (10mg) • Pubchem CID: 16132341  
 Ultra High Performance Liquid Chromatography (UPLC)



### Mass Spectrometry (MS)

