

Lot Number: **FRP - 5457978**  
 Client Name: **Freedom Peptides LLC**  
 Identity: **Getfreedompeptides.com**


Received Date: **03/28/2026**  
 Analysis Conducted: **04/10/2026**  
 Searchable via: **horizonanalytical.com**

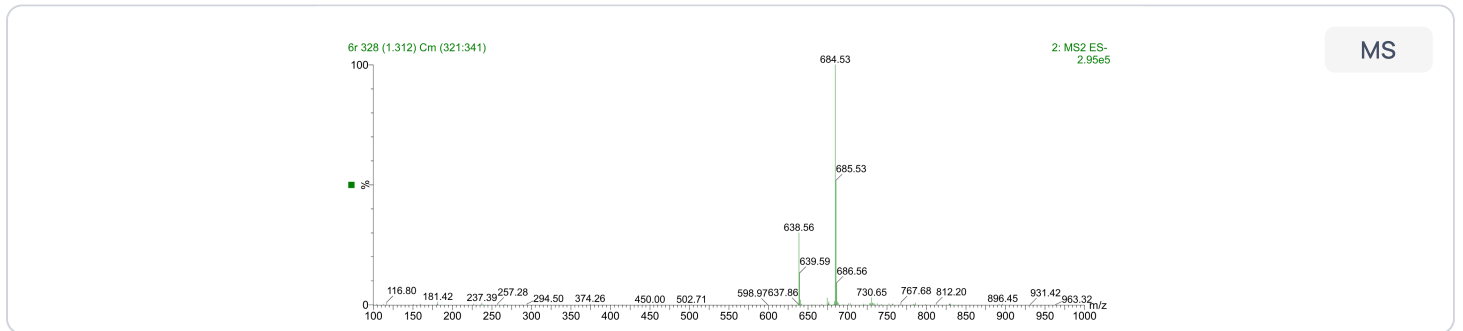
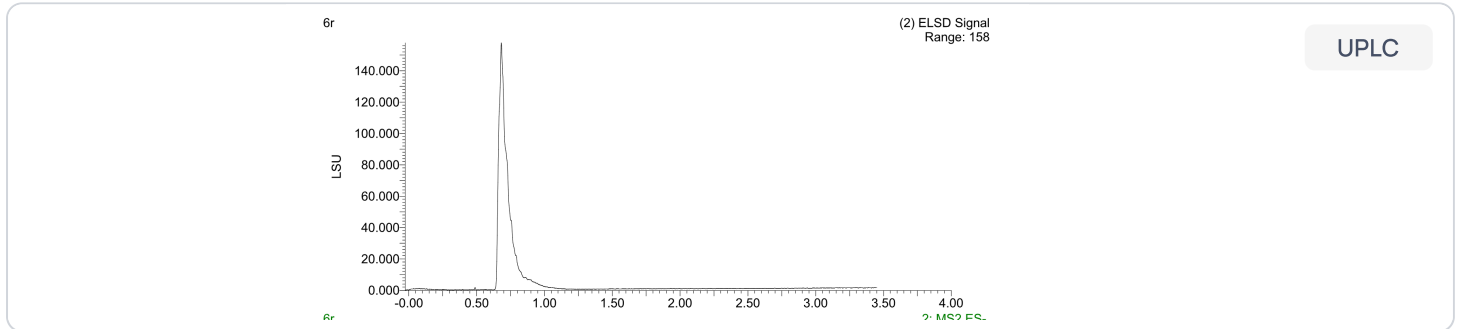
|                    |                          |
|--------------------|--------------------------|
| <b>Compound:</b>   | SS-31                    |
| <b>Lot:</b>        | FRP - 5457978            |
| <b>Appearance:</b> | White Lyophilized Powder |

|                    |   |
|--------------------|---|
| <b>CAS:</b>        | 736992-21-5   |
| <b>Formula:</b>    | C <sub>32</sub> H <sub>49</sub> N <sub>9</sub> O <sub>5</sub> |
| <b>Mol Weight:</b> | ~639.8 g/mol  |

Pubchem CID: 11764719

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

|                | Specification | Result  | Scan to Validate:   |
|----------------|---------------|---------|---|
| Compound Test: | SS-31         | SS-31   |  |
| Quantity:      | 50mg          | 54.15mg |   |
| Purity:        | >98%          | 99.41%  |   |



**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

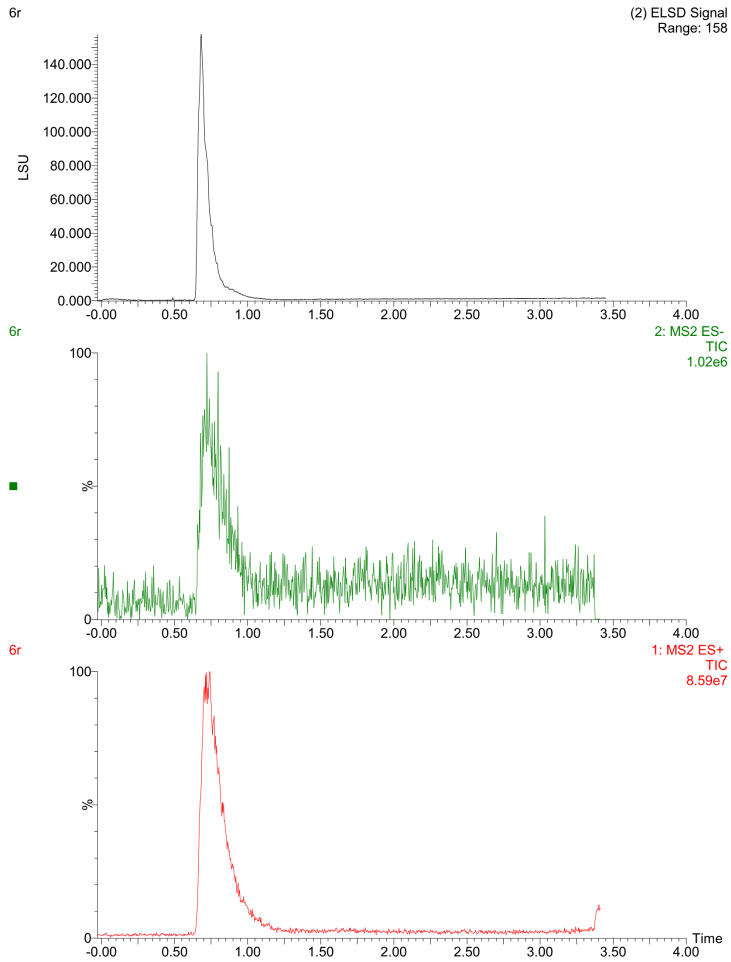


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

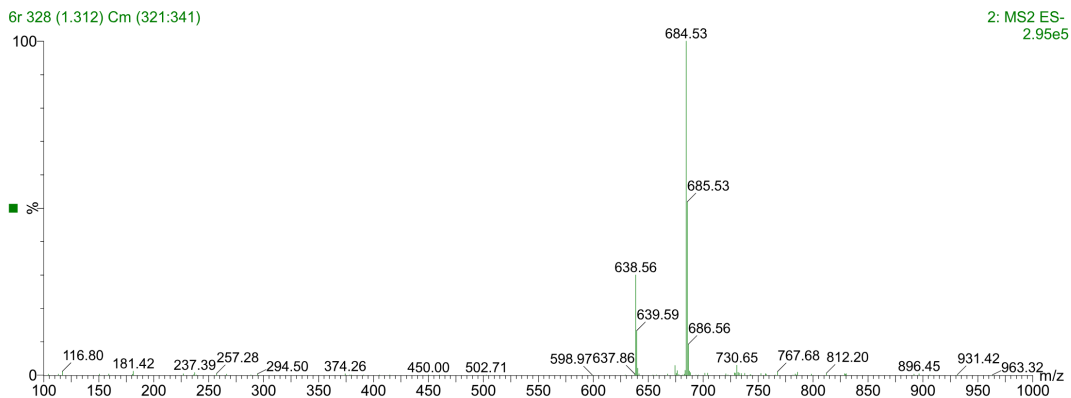
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SS-31 (50mg) • Pubchem CID: 11764719  
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: **FRP - 7457979**  
 Client Name: **Freedom Peptides LLC**  
 Identity: **Getfreedompeptides.com**


Received Date: **03/28/2026**  
 Analysis Conducted: **04/10/2026**  
 Searchable via: **horizonanalytical.com**

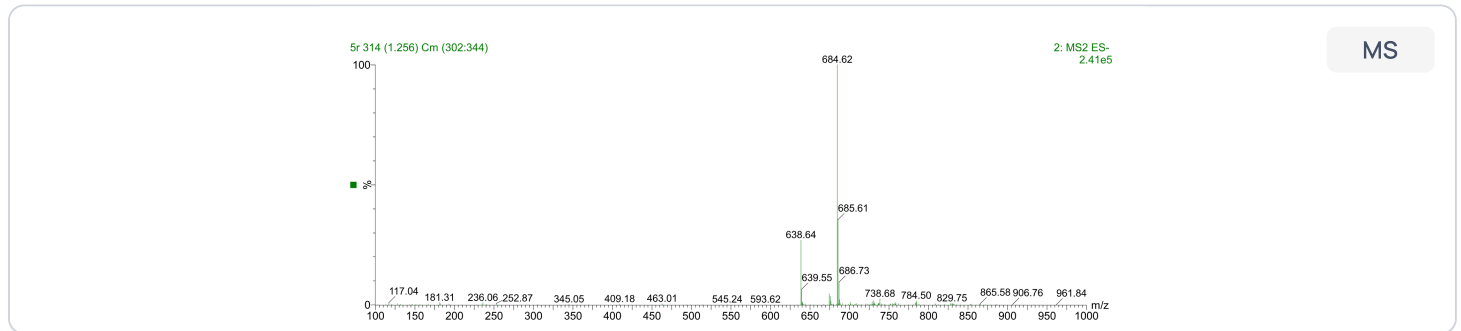
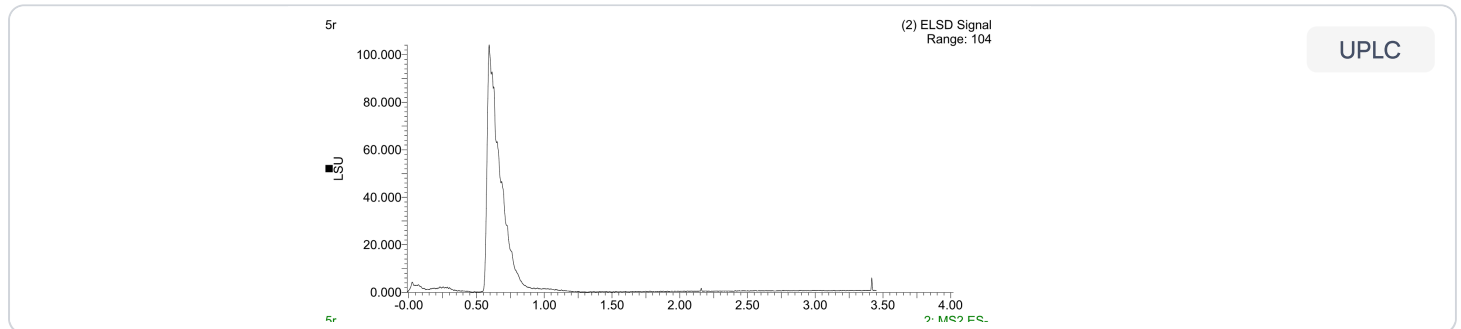
|             |                          |
|-------------|--------------------------|
| Compound:   | SS-31                    |
| Lot:        | FRP - 7457979            |
| Appearance: | White Lyophilized Powder |

|             |   |
|-------------|---|
| CAS:        | 736992-21-5   |
| Formula:    | C <sub>32</sub> H <sub>49</sub> N <sub>9</sub> O <sub>5</sub> |
| Mol Weight: | ~639.8 g/mol  |

Pubchem CID: 11764719

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

|                | Specification | Result | Scan to Validate:   |
|----------------|---------------|--------|---|
| Compound Test: | SS-31         | SS-31  |  |
| Quantity:      | 50mg          | 56.5mg |   |
| Purity:        | >98%          | 99.35% |   |



**Aleksey Yevtodiynko PhD**  
 Research and Formulation Chemist

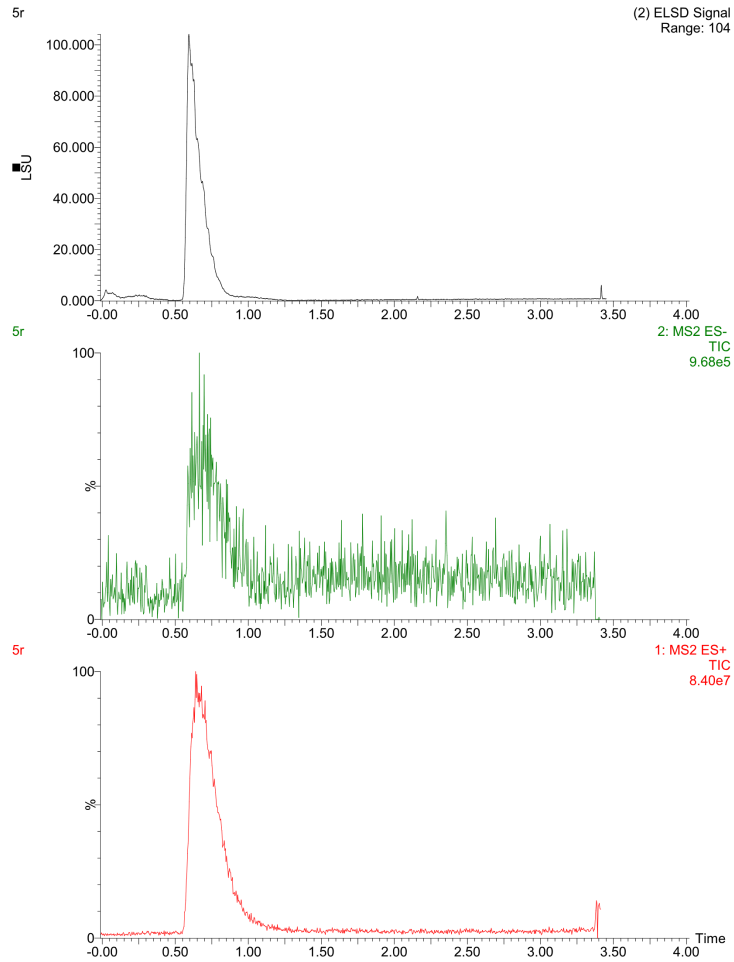


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Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

