

Lot Number: **TR-7761236-P**  
 Client Name: **Tuned Research**  
 Identity: **tunedresearch.com**

Lab Received Date: **06/30/2026**  
 Analysis Conducted: **07/04/2026**  
 Searchable via: **horizonanalytical.com**

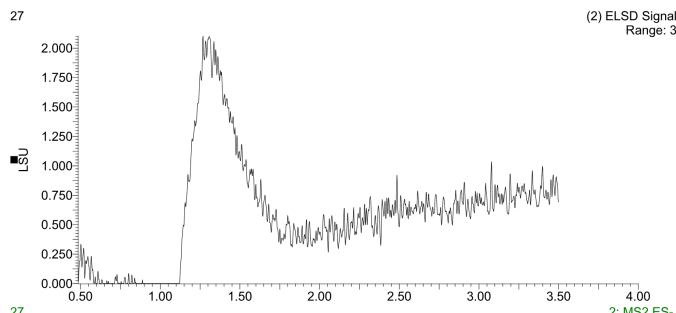
|             |                          |
|-------------|--------------------------|
| Compound:   | Semaglutide              |
| Lot:        | TR-7761236-P             |
| Appearance: | White Lyophilized Powder |

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| CAS:        | 910463-68-2                                                       |
| Formula:    | C <sub>187</sub> H <sub>291</sub> N <sub>45</sub> O <sub>59</sub> |
| Mol Weight: | ~4114 g/mol                                                       |

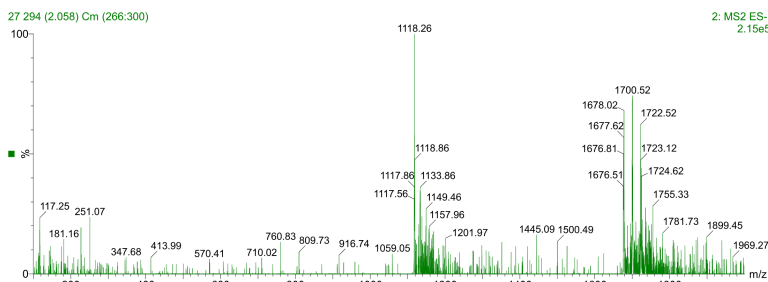
Pubchem CID: 56843331

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

|                | Specification | Result      | Scan to Validate:                                                                   |
|----------------|---------------|-------------|-------------------------------------------------------------------------------------|
| Compound Test: | Semaglutide   | Semaglutide |  |
| Quantity:      | 5mg           | 5.12mg      |                                                                                     |
| Purity:        | >98%          | 99.25%      |                                                                                     |



UPLC



MS

**Aleksey Yevtodiyenko PhD**  
 Research and Formulation Chemist

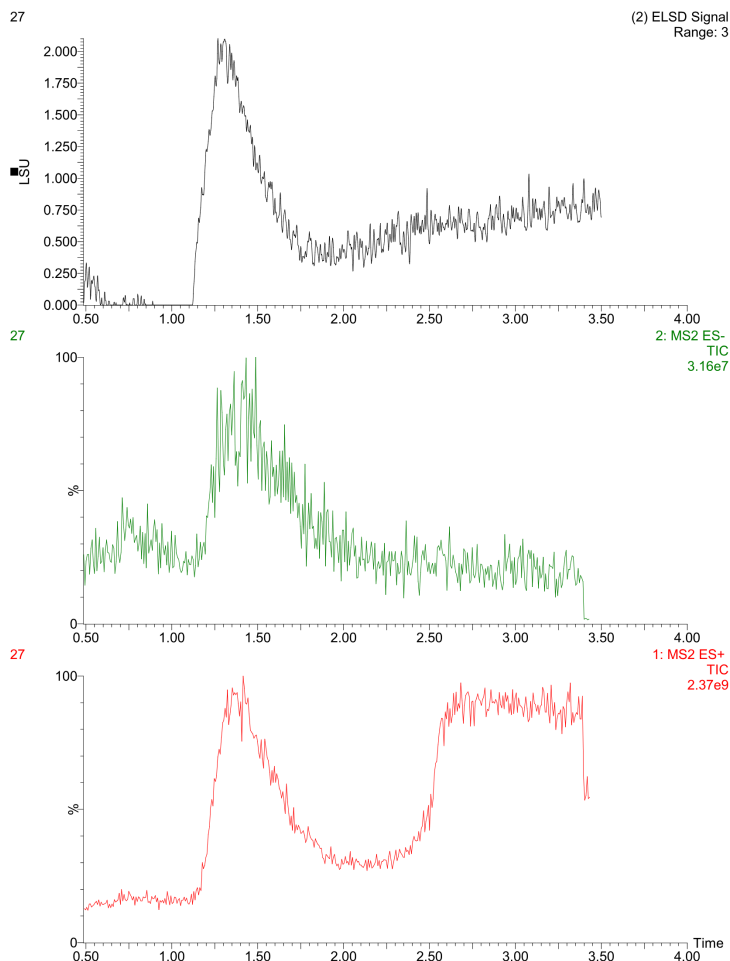


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

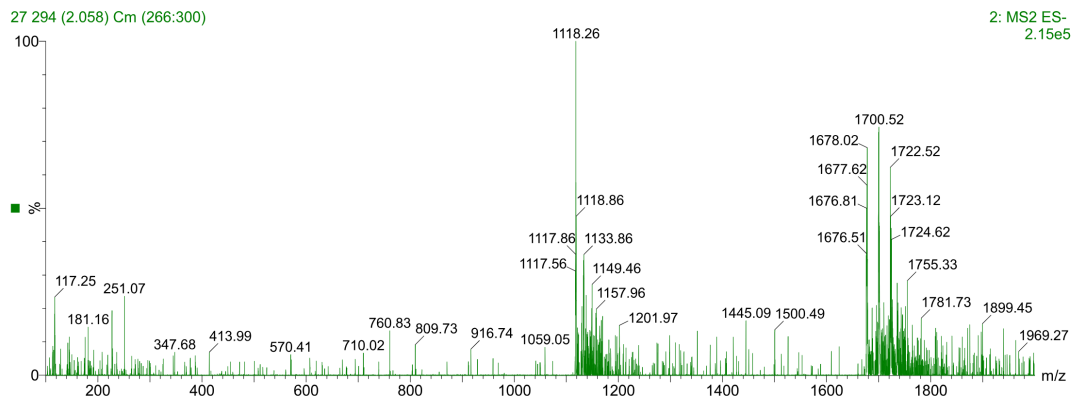
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Semaglutide (5mg) • Pubchem CID: 56843331  
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: [TR-7761236-E](#)  
Client Name: [Tuned Research](#)  
Identity: [tuned research.com](#)

Lab Received Date: [06/30/2026](#)  
Analysis Conducted: [07/04/2026](#)  
Searchable via: [horizonanalytical.com](#)

|             |              |
|-------------|--------------|
| Compound:   | Semaglutide  |
| Lot:        | TR-7761236-E |
| Appearance: | -            |

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| CAS:        | 910463-68-2                                                       |
| Formula:    | C <sub>187</sub> H <sub>291</sub> N <sub>45</sub> O <sub>59</sub> |
| Mol Weight: | ~4114 g/mol                                                       |

Pubchem CID: 56843331

## Endotoxin Test

|                | Specification | Result       | Scan to Validate:                                                                   |
|----------------|---------------|--------------|-------------------------------------------------------------------------------------|
| Compound Test: | Semaglutide   | -            |  |
| 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](mailto:contact@horizonanalytical.com)Proudly Owned and Operated in the USA 