

Lot Number: **DPS-1731899**  
 Client Name: **Direct Peptides**  
 Identity: **directpeptides.com**

Lab Received Date: **12/08/2025**  
 Analysis Conducted: **12/15/2025**  
 Searchable via: **horizonanalytical.com**

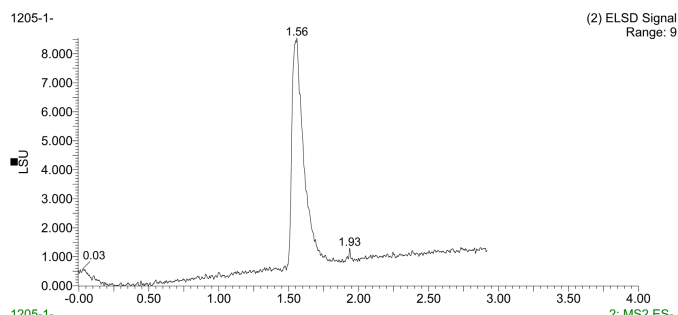
|                |                          |
|----------------|--------------------------|
| Compound:      | Tirzepatide              |
| Report Number: | 1000024                  |
| Appearance:    | White Lyophilized Powder |

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| CAS:        | 2023788-19-2                                                      |
| Formula:    | C <sub>225</sub> H <sub>348</sub> N <sub>48</sub> O <sub>68</sub> |
| Mol Weight: | ~4813.5 g/mol                                                     |

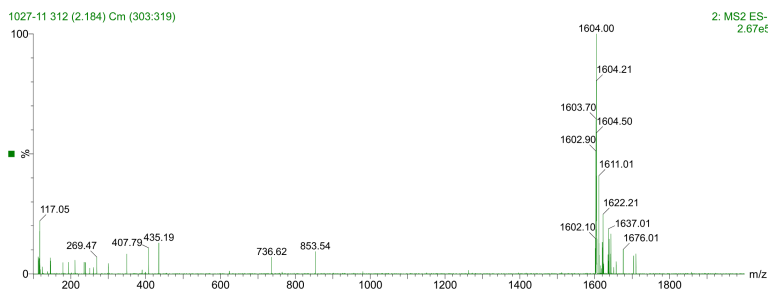
Pubchem CID: 156588324

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

|                | Specification | Result      | Scan to Validate:                                                                   |
|----------------|---------------|-------------|-------------------------------------------------------------------------------------|
| Compound Test: | Tirzepatide   | Tirzepatide |  |
| Quantity:      | 15mg          | -           |                                                                                     |
| Purity:        | >98%          | 98.62%      |                                                                                     |



UPLC



MS

**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

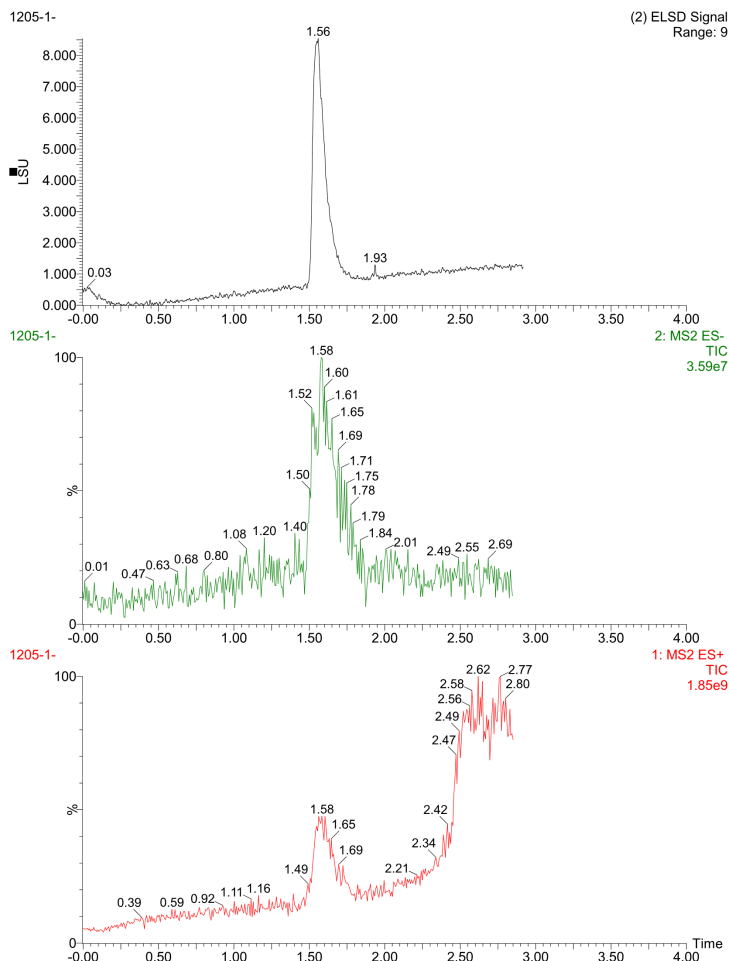


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

Lot Number: DPS-1731899  
Client Name: Direct Peptides  
Identity: directpeptides.com

Lab Received Date: 12/08/2025  
Analysis Conducted: 12/15/2025  
Searchable via: horizonanalytical.com

Tirzepatide (15mg) • Pubchem CID: 156588324  
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

