

**Client: Sequence 22**

 Sample received: **04/11/26**  
 Analysis conducted: **04/21/26**

<b>Compound:</b>	Tirzepatide	<b>CAS:</b>	2023788-19-2
<b>Batch/Lot #:</b>	S22-TZP-0418-01	<b>Formula:</b>	C225H348N48O68
<b>Appearance:</b>	White lyophilized powder	<b>Mol Wt:</b>	4813 g/mol

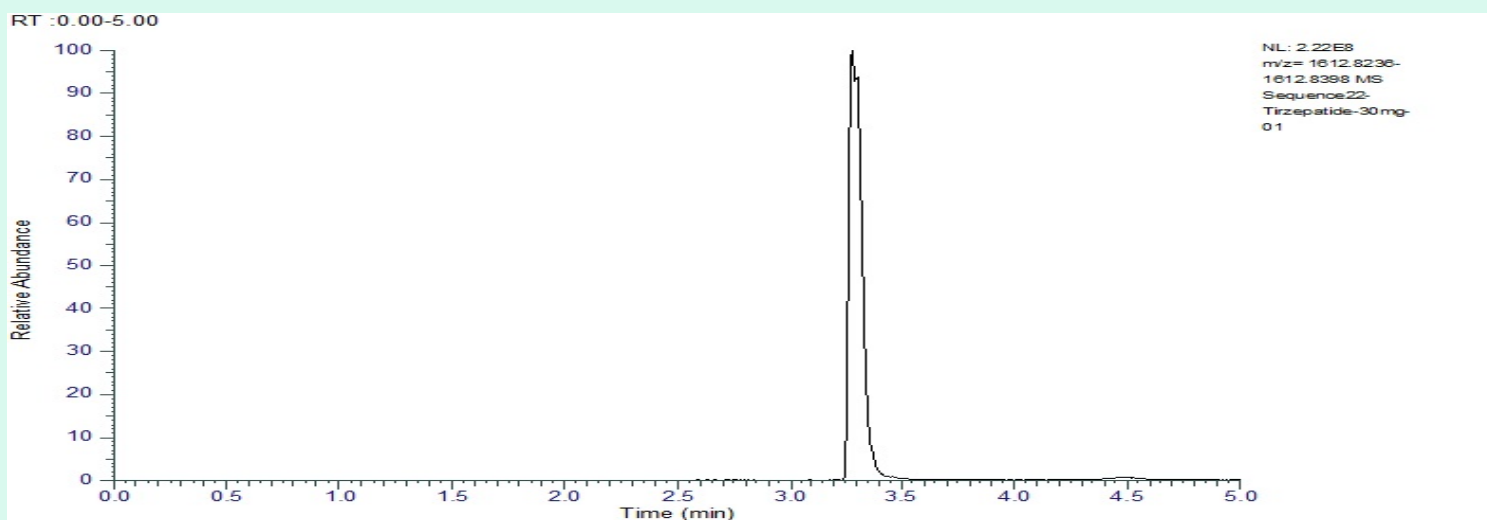
**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

**Pubchem CID:** 166567236

[Tirzepatide | C225H348N48O68 | CID 166567236 - PubChem](#)

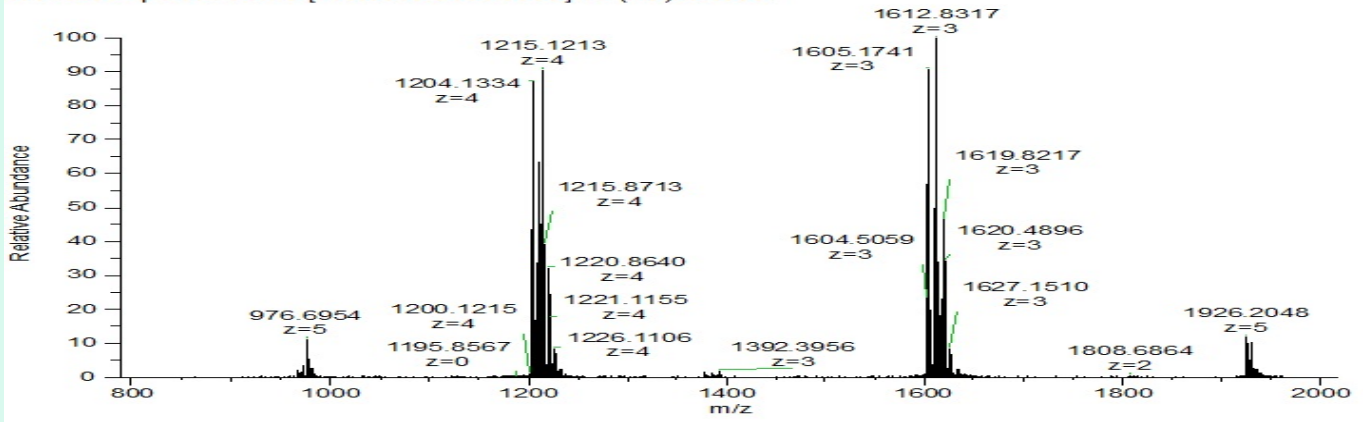
	Specification	Result	
<b>Identity Test:</b>	Tirzepatide	<b>Tirzepatide</b>	<b>Conforms</b>
<b>Purity:</b>	>99%	<b>99.46%</b>	<b>Conforms</b>

### LC-MS Chromatogram: Retention Time and Peak Analysis



# Full Scan Mass Spectrometry Analysis

Sequence22-Tirzepatide-30mg-01 #377 RT: 3.28 AV: 1 NL: 2.22E8  
T: FTMS + p ESI Full ms [800.0000-2000.0000] IIT (ms): 0.1600



## Analysis Performed by

Dr. Roberto Marin  
Analytical Chemist  
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Security Key **22SEQUENCE**  
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*Roberto Marin*

