

**Client: NextgenPeps**  
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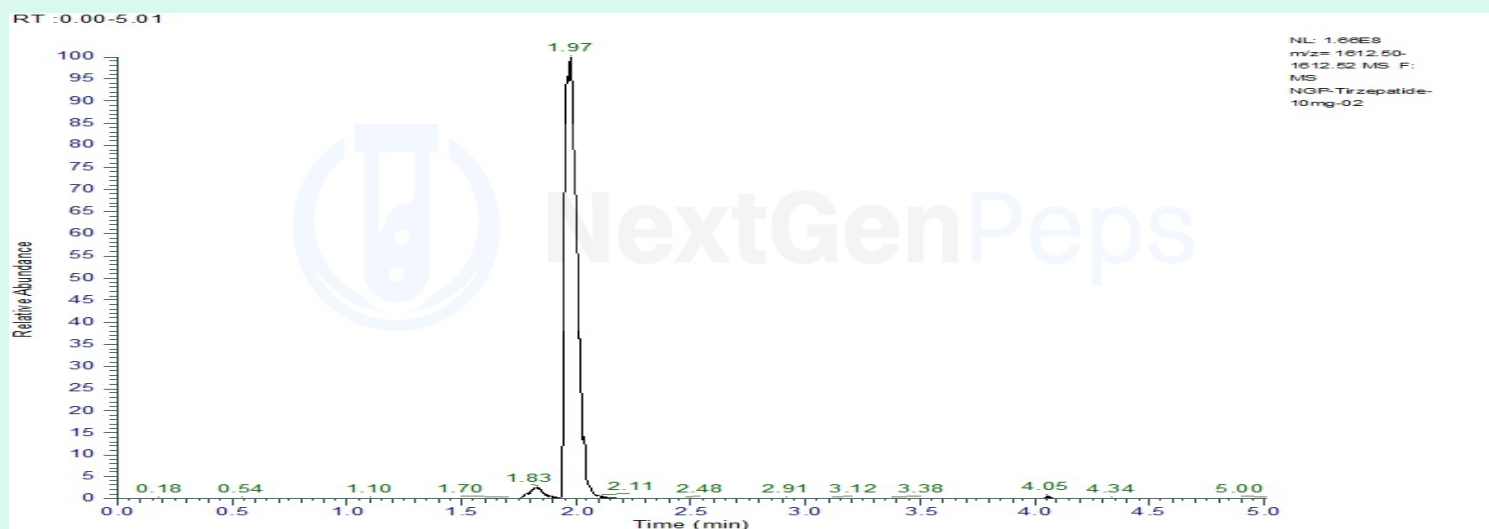
Sample received: **12/18/25**  
Analysis conducted: **12/30/25**

Compound:	Tirzepatide (10mg)	CAS:	2023788-19-2
Batch/Lot #:	Yellow Cap	Formula:	C225H348N48O68
Appearance:	White lyophilized powder	Mol Wt:	4813 g/mol

**Method:** Qualitative and Quantitative Chemical Analysis by HPLC-MS  
**Pubchem CID:** 166567236  
Tirzepatide | C225H348N48O68 | CID 166567236 - PubChem

	Specification	Result	
Identity Test:	Tirzepatide	<b>Tirzepatide</b>	<b>Conforms</b>
Purity:	>99%	<b>99.25%</b>	<b>Conforms</b>

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



### Full Scan Mass Spectrometry Analysis

NGP-Tirzepatide-10mg-02 #421 RT: 1.98 AV: 1 NL: 1.47E8  
T: FTMS + p ESI Full ms [800.0000-2000.0000]



**Analysis Performed by**

Dr. Roberto Marin  
Analytical Chemist  
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*Roberto Marin*

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