

Client: **BioSync Solutions**
support@biosyncsolutions.com

Sample received: 04/06/26
Analysis conducted: 04/15/26

Compound:	Tirzepatide	CAS:	2023788-19-2
Batch/Lot #:	TR20	Formula:	C225H348N48O68
Appearance:	White lyophilized powder	Mol Wt:	4813 g/mol

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

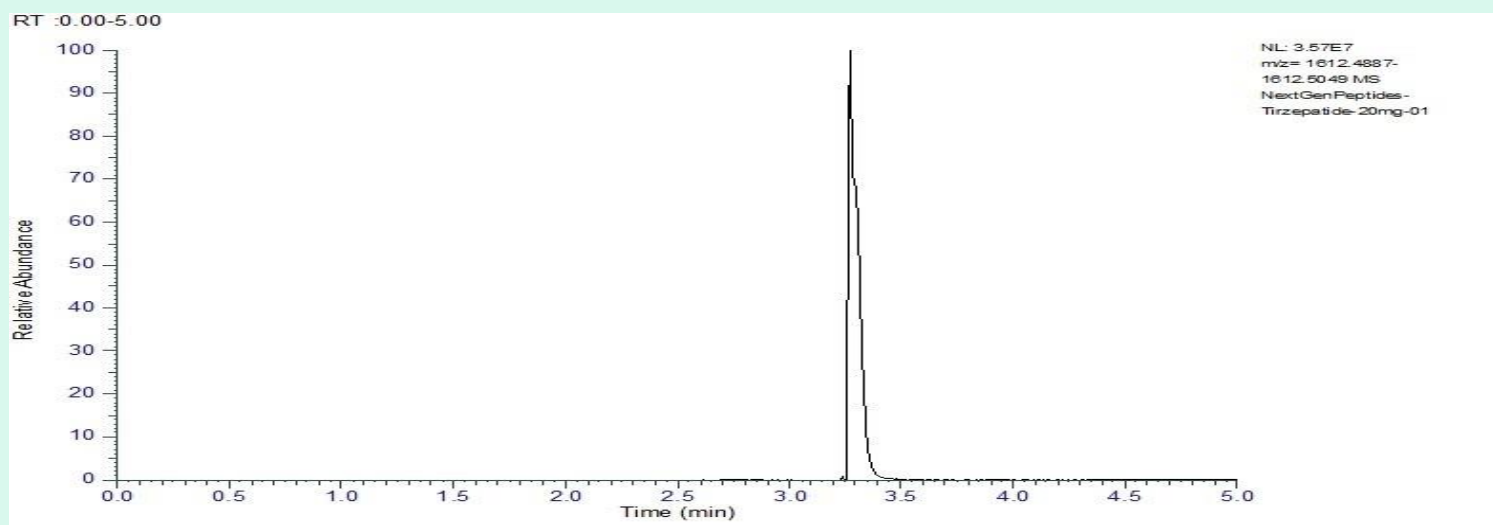
Pubchem CID: 166567236

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

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	Specification	Result	
Identity Test:	Tirzepatide	Tirzepatide	Conforms
Quantity:	20 mg ± 15%	22.482 mg	Conforms
Purity:	>98%	99.79%	Conforms

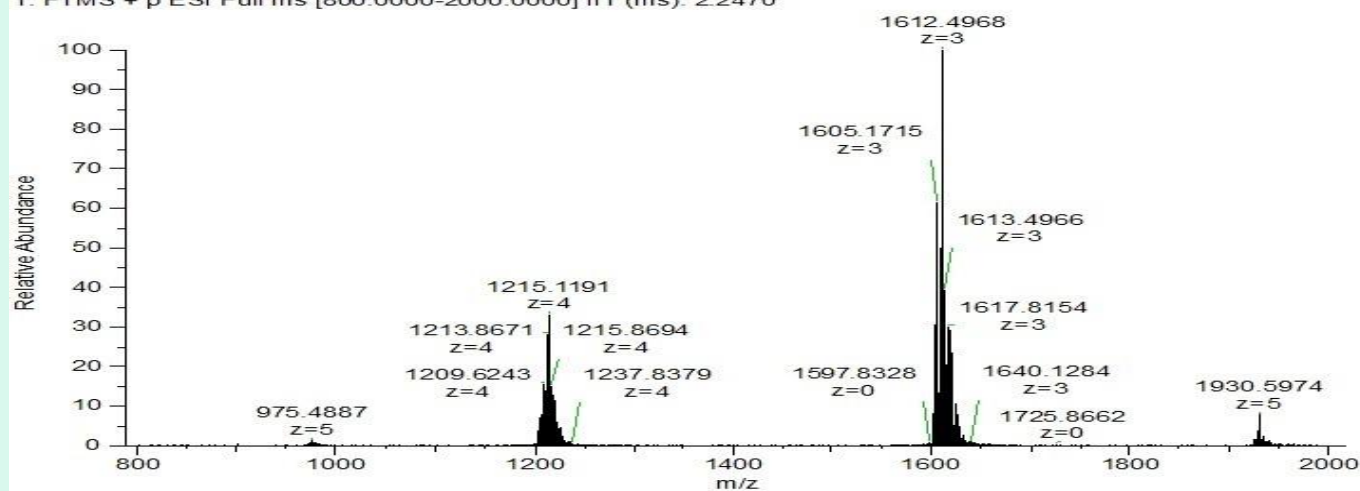
LC-MS Chromatogram: Retention Time and Peak Analysis



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Full Scan Mass Spectrometry Analysis

NextGenPeptides-Tirzepatide-20mg-01 #376 RT: 3.27 AV: 1 NL: 3.52E7
T: FTMS + p ESI Full ms [800.0000-2000.0000] IIT (ms): 2.2470



Analysis Performed by
Dr. Roberto Marin
Analytical Chemist
Support@bioregen.org

Roberto Marin