

Client: NG Peptides
admin@ngpeptide.com

Sample received: **10/22/25**
Analysis conducted: **11/03/25**

Compound:	Tirzepatide (20 mg)	CAS:	2023788-19-2
Batch/Lot #:	TR28	Formula:	C225H348N48O68
Appearance:	White lyophilized powder	Mol Wt:	4813 g/mol

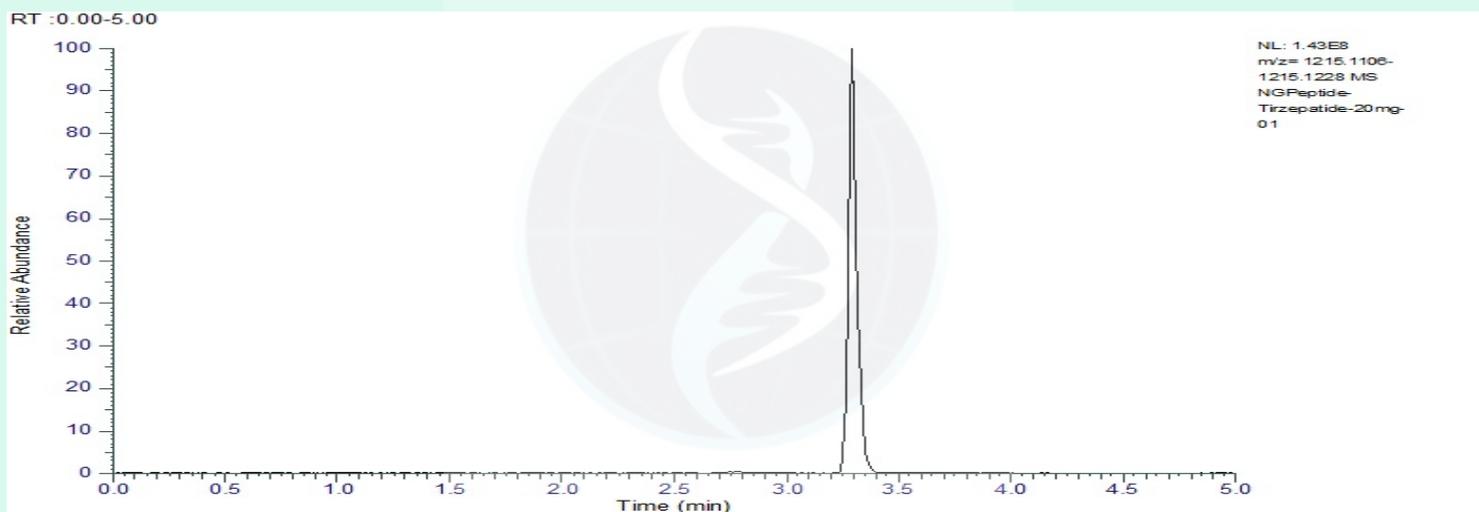
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 166567236

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

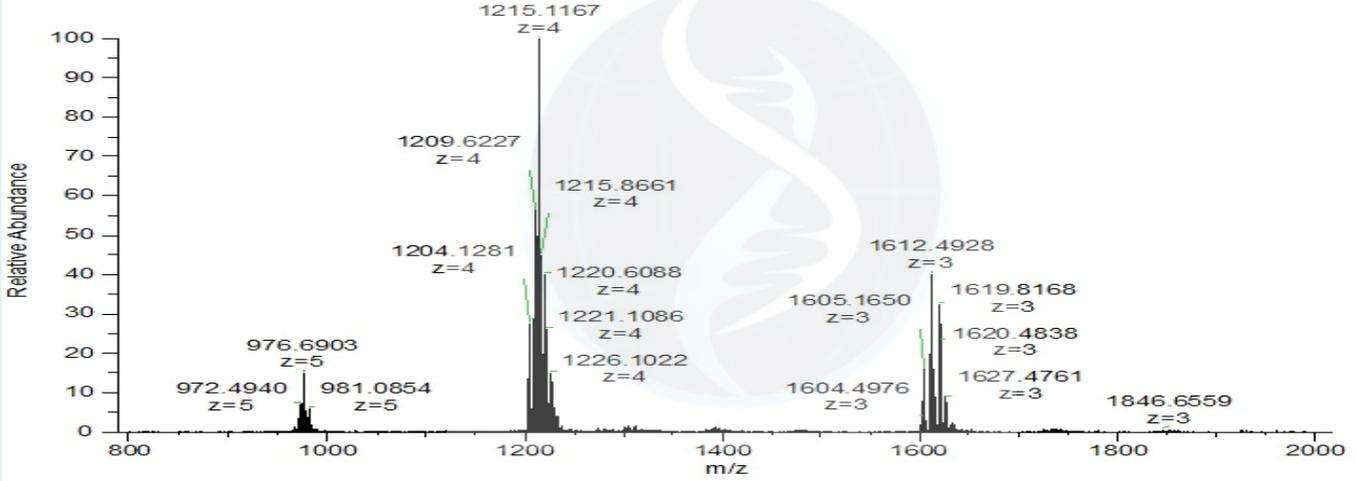
	Specification	Result	
Identity Test:	Tirzepatide	Tirzepatide	Conforms
Quantity:	20 mg ± 15%	23.40 mg	Conforms
Purity:	>99%	99.85%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

NGPeptide-Tirzepatide-20mg-01 #378 RT: 3.29 AV: 1 NL: 1.37E8
T: FTMS + p ESI Full ms [800.0000-2000.0000] IIT (ms): 0.8490



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
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COA #11255
Security Key **NGPEPTIDE**
bioregen.com/verify



Roberto Marin