

Client: NG Peptides
admin@ngpeptide.com

Sample received: **08/14/25**
Analysis conducted: **08/22/25**

Compound:	Tirzepatide	CAS:	2023788-19-2
Batch/Lot #:	TR29	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

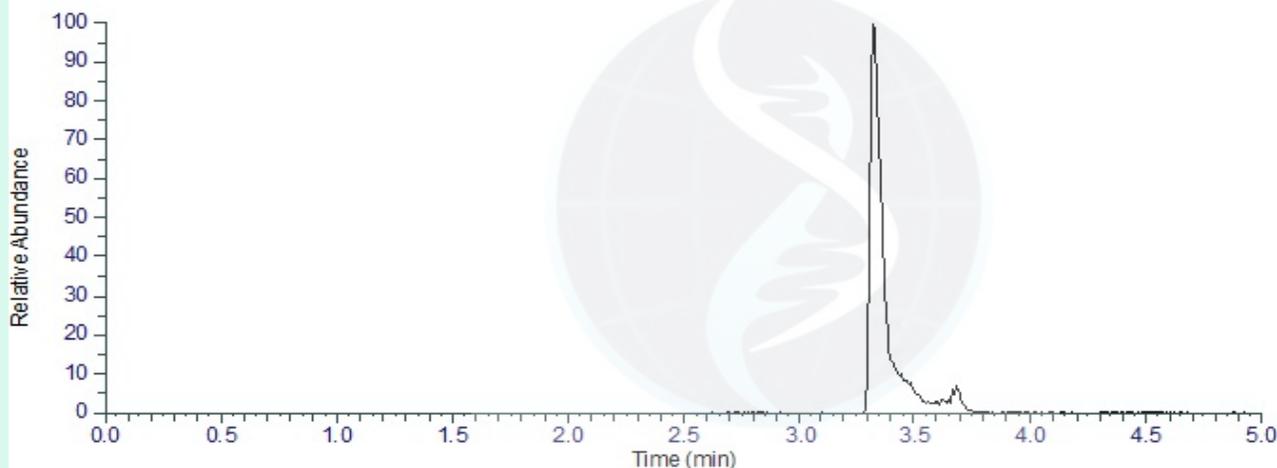
Pubchem CID: 166567236

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

	Specification	Result	
Identity Test:	Tirzepatide	Tirzepatide	Conforms
Quantity:	40 mg ± 15%	48.741 mg	Conforms
Purity:	>98%	99.78%	Conforms

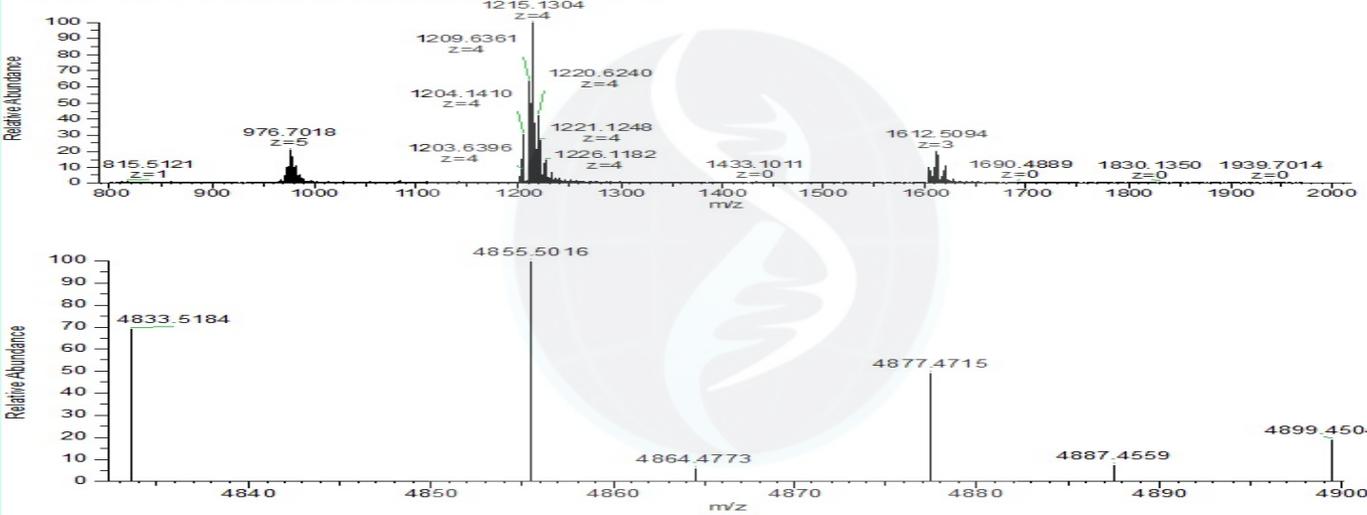
LC-MS Chromatogram: Retention Time and Peak Analysis

RT: 0.00-5.00

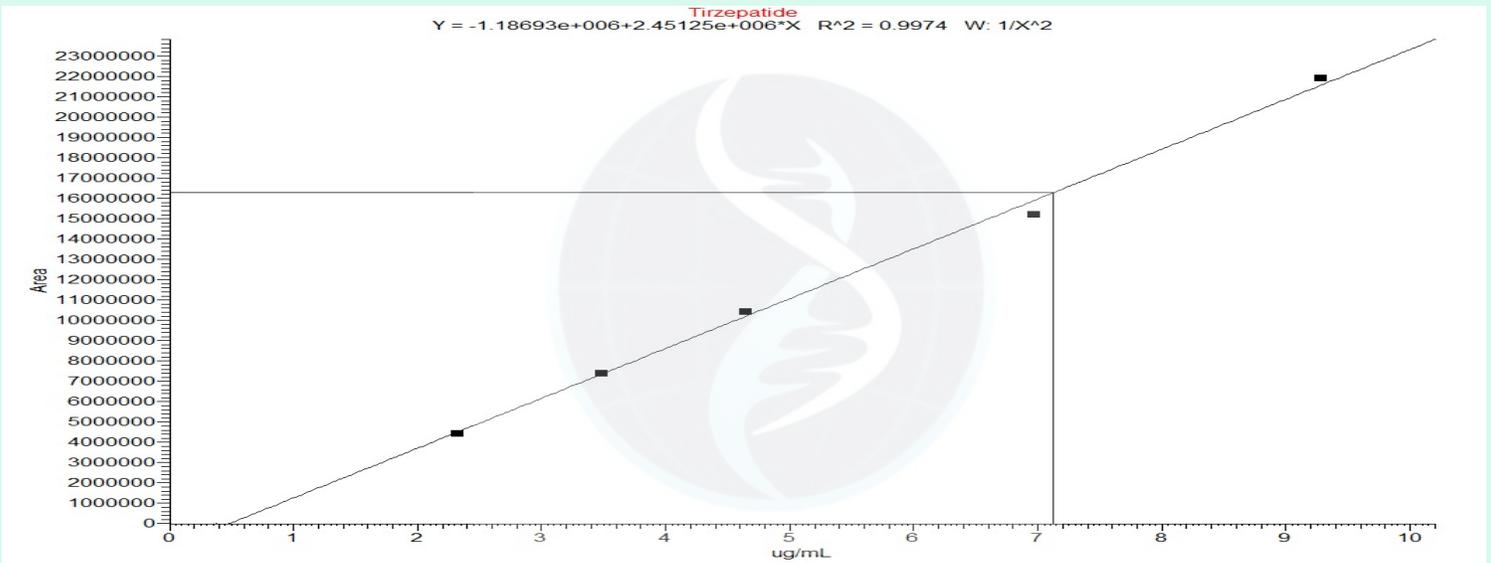


Full Scan Mass Spectrometry Analysis

NG-Tirzepatide-40mg-01 #383 RT: 3.33 AV: 1 NL: 7.33E5
T: FTMS + p ESI Full ms [800.0000-2000.0000] IIT (ms): 135.5070



Calibration Curve



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
contact@bioregen.com

COA #10851
Security Key **NGPEPTIDE**
bioregen.com/verify



Roberto Marin