

**Client: Pure Health Peptides**  
 info@purehealthpeptides.com  
 www.purehealthpeptides.com

Sample received: **07/15/26**  
 Analysis conducted: **07/24/26**

|              |                          |          |                |
|--------------|--------------------------|----------|----------------|
| Compound:    | Tirzepatide              | CAS:     | 2023788-19-2   |
| Batch/Lot #: | SYN-070126               | 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

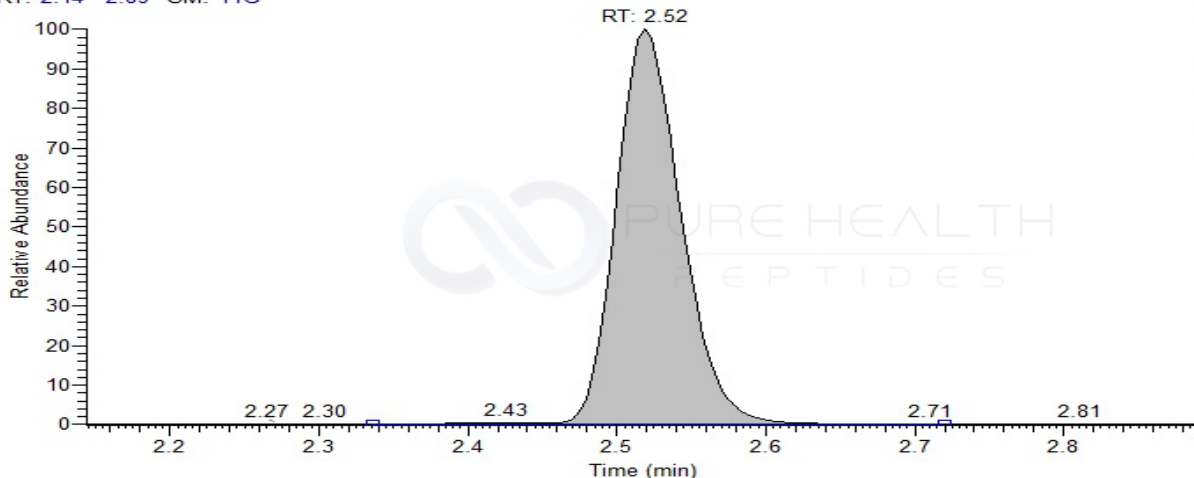
**Pubchem CID:** 166567236

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

|                | Specification | Result             |                 |
|----------------|---------------|--------------------|-----------------|
| Identity Test: | Tirzepatide   | <b>Tirzepatide</b> | <b>Conforms</b> |
| Quantity:      | 10 mg         | 10.94 mg           | <b>Conforms</b> |
| Purity:        | >99%          | <b>99.59%</b>      | <b>Conforms</b> |

### LC-MS Chromatography and Retention Time Analysis

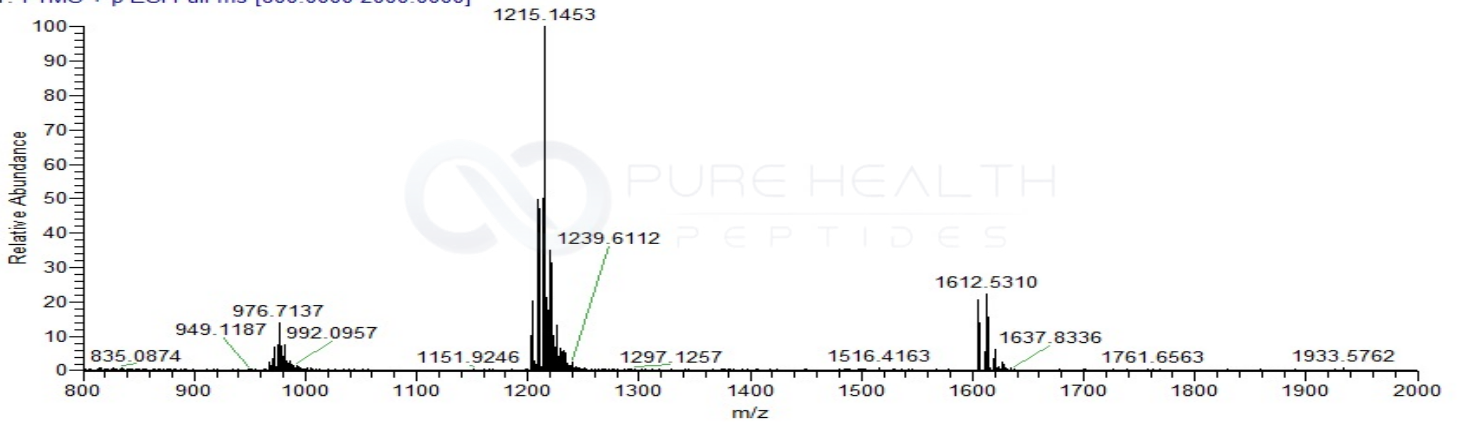
RT: 2.14 - 2.89 SM: 11G



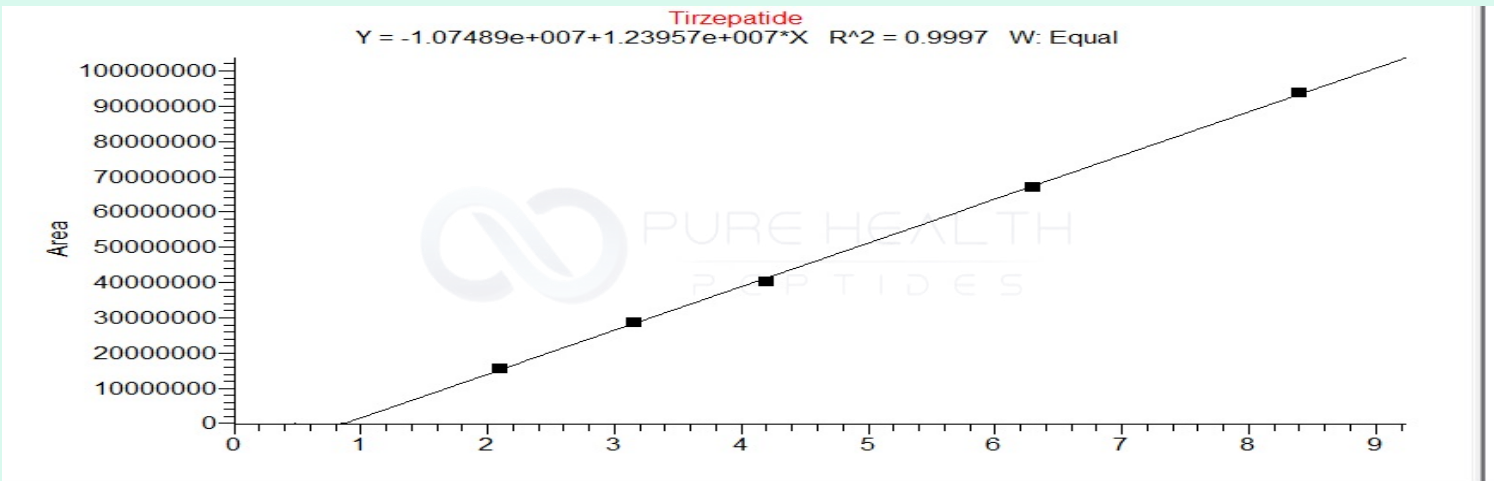
NL: 6.36E6  
 m/z=  
 1215.3834-1215.4078 F:  
 FTMS + p ESI Full ms  
 [800.0000-2000.0000]  
 MS ICIS  
 SYN\_TRZ10\_0004\_01

## Full Scan Mass Spectrometry Analysis

SYN\_TRZ10\_0004\_01 #532 RT: 2.52 AV: 1 NL: 7.14E6  
T: FTMS + p ESI Full ms [800.0000-2000.0000]



## Calibration Curve



### Analysis Performed by

Allwell Anyatonwu, M.S.  
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COA #13657  
Security Key **PUREHEALTH**  
bioregen.com/verify



Allwell Anyatonwu