

**Client: Irontide Labs (formerly Peptora)**  
 help@irontidelabs.com  
 855-811-0112

Sample received: **03/16/26**  
 Analysis conducted: **03/25/26**

|              |                          |          |                |
|--------------|--------------------------|----------|----------------|
| Compound:    | Tirzepatide              | CAS:     | 2023788-19-2   |
| Batch/Lot #: | BDT60031226              | Formula: | C225H348N48O68 |
| Appearance:  | White lyophilized powder | Mol Wt:  | 4813 g/mol     |

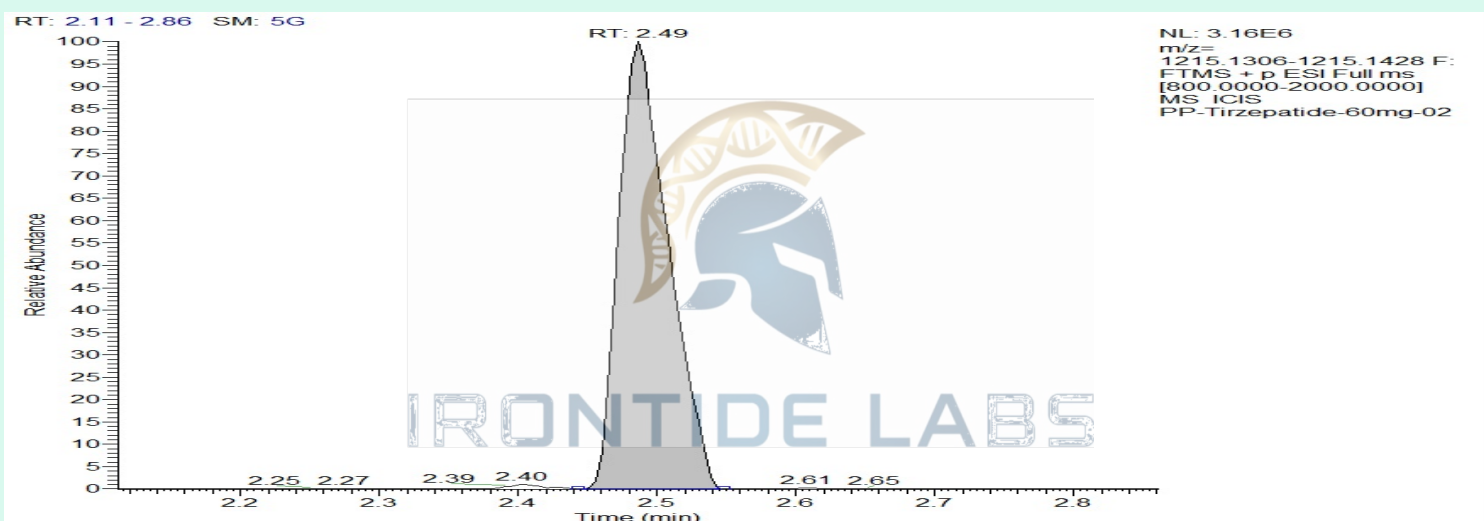
**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

**Pubchem CID:** 166567236

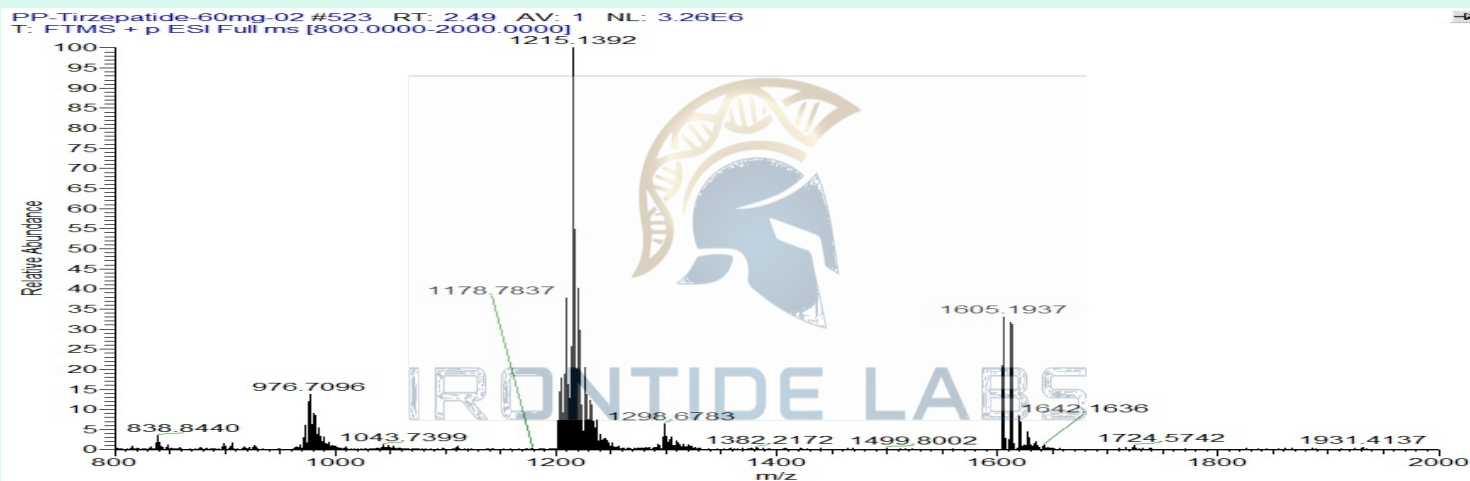
[Tirzepatide | C225H348N48O68 | CID 166567236 - PubChem](#)

|                | Specification | Result             |                        |
|----------------|---------------|--------------------|------------------------|
| Identity Test: | Tirzepatide   | <b>Tirzepatide</b> | <b>Conforms</b>        |
| Quantity:      | 60 mg         | 80.26 mg           | <b>Over-Conforming</b> |
| Purity:        | >99%          | <b>99.18%</b>      | <b>Conforms</b>        |

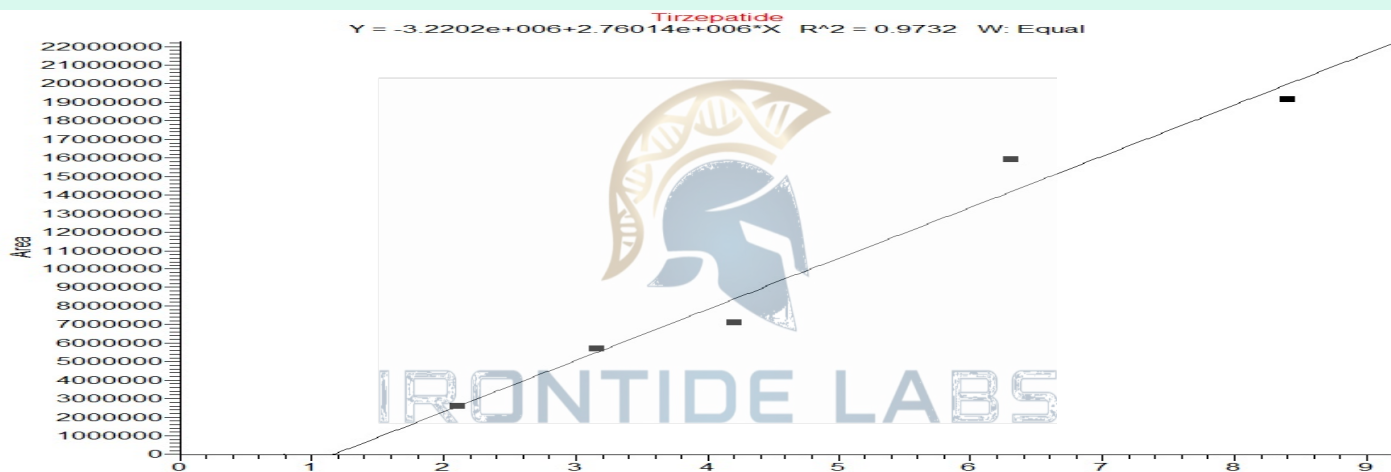
### LC-MS Chromatogram: Retention Time and Peak Analysis



## Full Scan Mass Spectrometry Analysis



## Calibration Curve



### Analysis Performed by

Dr. Victor Ugur  
Analytical Chemist  
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*Victor Ugur*

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IRONTIDE LABS

