

Client: Revitacore LLC

Sample received: **08/24/26**  
Analysis conducted: **08/31/26**

|              |                          |          |                |
|--------------|--------------------------|----------|----------------|
| Compound:    | Tirzepatide              | CAS:     | 2023788-19-2   |
| Batch/Lot #: | T102606Q                 | 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

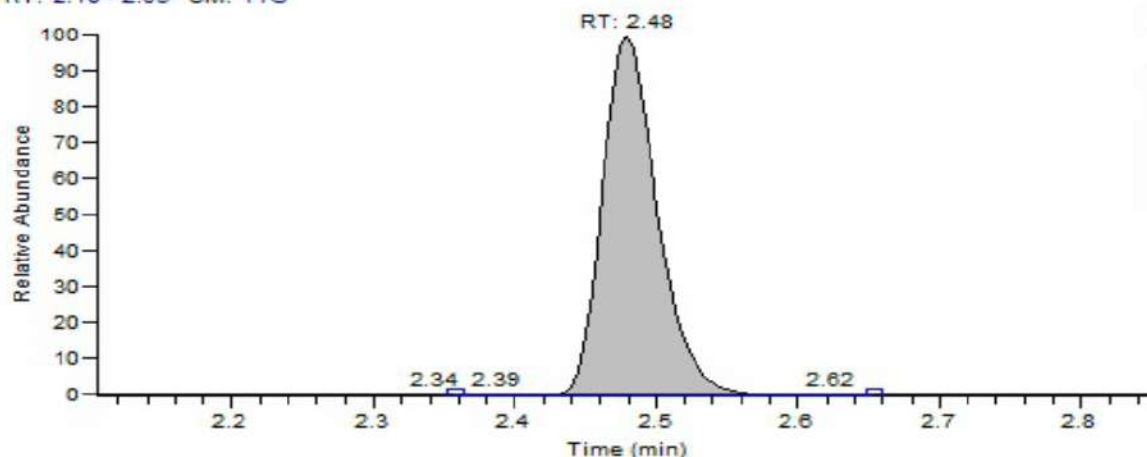
**Pubchem CID:** 166567236

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

|                | Specification | Result             |                 |
|----------------|---------------|--------------------|-----------------|
| Identity Test: | Tirzepatide   | <b>Tirzepatide</b> | <b>Conforms</b> |
| Quantity:      | 10mg          | 11.67mg            | <b>Conforms</b> |
| Purity:        | >99%          | <b>99.31%</b>      | <b>Conforms</b> |

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

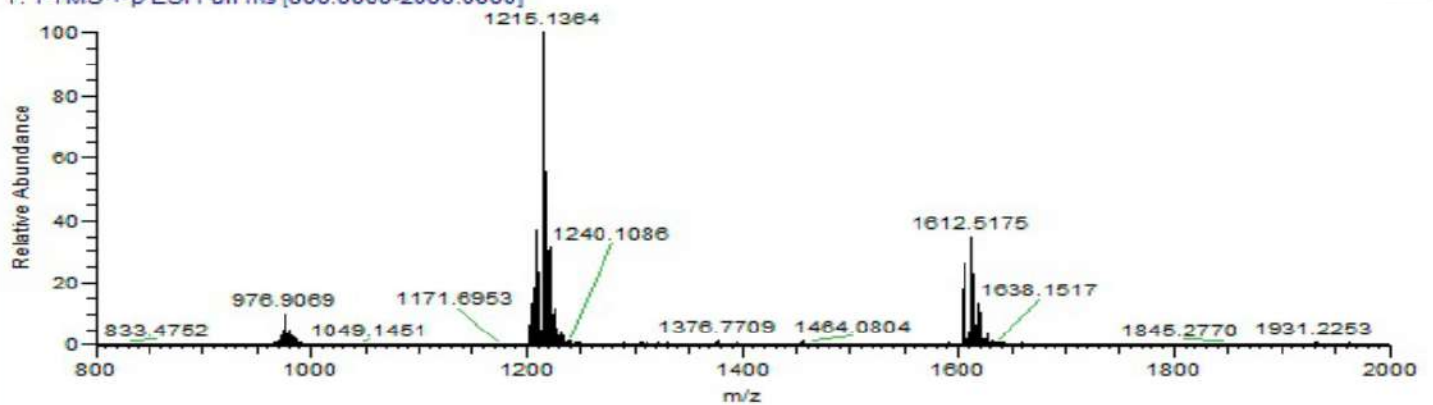
RT: 2.10 - 2.85 SM: 11G



NL: 1.12E7  
m/z= 1215.1274-1215.1518  
F: FTMS + p ESI Full ms  
[800.0000-2000.0000]  
MS ICIS  
RC-TRZ-10mg\_01

## Full Scan Mass Spectrometry Analysis

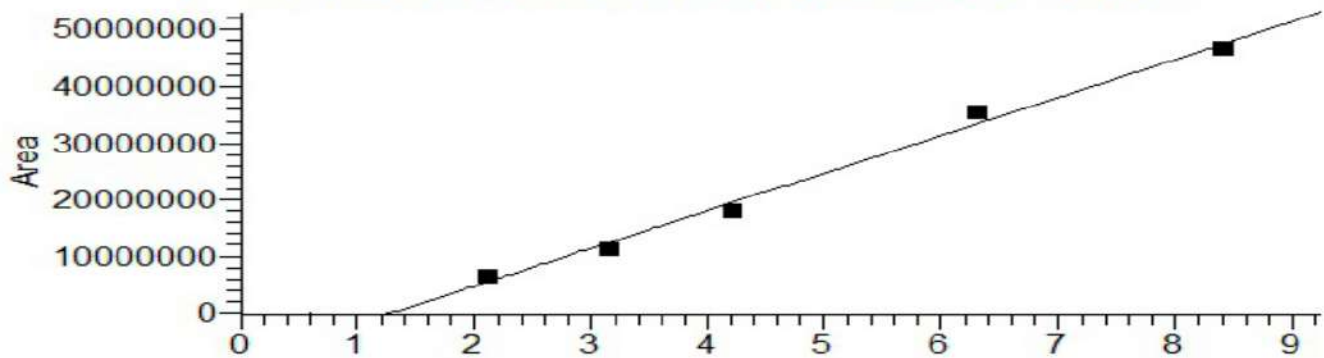
RC-TRZ-10mg\_01 #523 RT: 2.48 AV: 1 NL: 1.26E7  
T: FTMS + p ESI Full ms [800.0000-2000.0000]



## Calibration Curve

**Tirzepatide**

$$Y = -8.57782e+006 + 6.66643e+006 * X \quad R^2 = 0.9913 \quad W: \text{Equal}$$



### Analysis Performed by

Bellagio Lutjen, B.S.  
Analytical Chemist  
contact@bioregen.com

COA #13862  
Security Key **REVITA01**  
bioregen.com/verify



Signature of Bellagio Lutjen

## Limulus Amebocyte Lysate (LAL) – Report of Analysis

| Test Performed | Endosafe - PTS LAL Assay             |
|----------------|--------------------------------------|
| Test Date      | 08/31/2026                           |
| Analyst        | ROBERTO                              |
| Instrument     | Endosafe® nexgen-PTS™ (SN: 25201216) |

### Sample Information

| Company Name         | Revitacore LLC |
|----------------------|----------------|
| Sample Tested        | Tirzepatide    |
| Sample Lot Number    | T102606Q       |
| Sample Amount        | 10mg           |
| Vials/Units Received | 1              |

### Reagent Information

| Cartridge Type             | Endotoxin- LAL (Charles River) |
|----------------------------|--------------------------------|
| Cartridge Lot #            | 2612141407                     |
| Cartridge Calibration Code | 512830694630                   |
| Detection Range            | 0.05 EU/mL – 5.0 EU/mL         |
| Spike Value                | 0.705 EU/mL                    |
| Spike Recovery             | 107% Pass                      |
| Test Suitability           | Pass                           |

### Endotoxin Quantitation Results

| Sample ID   | Replicates | Measured EU/mL | Specification | Pass/Fail |
|-------------|------------|----------------|---------------|-----------|
| Tirzepatide | 1          | < 0.05 EU/mL   | <= 0.50 EU/mL | Pass      |

### Interpretation:

Endotoxin level in Tirzepatide was measured using chromogenic LAL assay with detection at 405 nm. The result of < 0.05 EU/mL indicates that the endotoxin content is below the acceptable threshold of 0.50 EU/mL. Sample **Passes** the endotoxin limit test.

Analyst Signature: \_\_\_\_\_



Date: 08/31/2026

To verify the authenticity of this report, please contact **BioRegen** at [contact@bioregen.com](mailto:contact@bioregen.com) or reference the **Report ID** and **Validation Key** provided above.

Alternatively, scan the QR code below to access the official record on our website.



Client: Revitacore LLC

Sample received: **08/24/26**  
Analysis conducted: **08/31/26**

|              |                          |          |                |
|--------------|--------------------------|----------|----------------|
| Compound:    | Tirzepatide              | CAS:     | 2023788-19-2   |
| Batch/Lot #: | T202606Q                 | 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

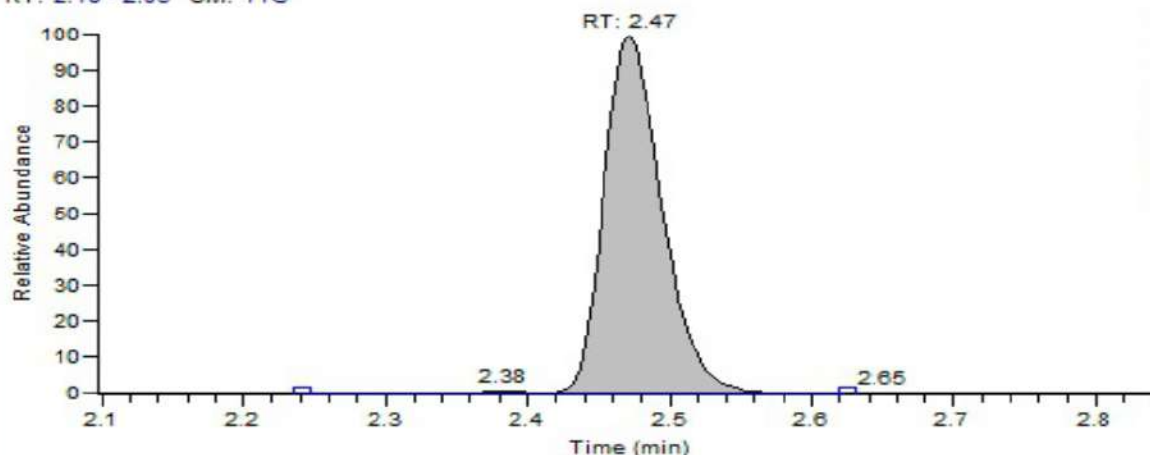
**Pubchem CID:** 166567236

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

|                | Specification | Result             |                 |
|----------------|---------------|--------------------|-----------------|
| Identity Test: | Tirzepatide   | <b>Tirzepatide</b> | <b>Conforms</b> |
| Quantity:      | 20mg          | 23.30mg            | <b>Conforms</b> |
| Purity:        | >99%          | <b>99.45%</b>      | <b>Conforms</b> |

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

RT: 2.10 - 2.85 SM: 11G



NL: 7.79E6  
m/z= 1215.1274-1215.1518  
F: FTMS + p ESI Full ms  
[800.0000-2000.0000]  
MS ICIS  
RC-TRZ-20mg\_01

## Limulus Amebocyte Lysate (LAL) – Report of Analysis

| Test Performed | Endosafe - PTS LAL Assay             |
|----------------|--------------------------------------|
| Test Date      | 08/31/2026                           |
| Analyst        | ROBERTO                              |
| Instrument     | Endosafe® nexgen-PTS™ (SN: 25201216) |

### Sample Information

| Company Name         | Revitacore LLC       |
|----------------------|----------------------|
| Sample Tested        | GLP-2T (Tirzepatide) |
| Sample Lot Number    | T202606Q             |
| Sample Amount        | 20mg                 |
| Vials/Units Received | 1                    |

### Reagent Information

| Cartridge Type             | Endotoxin- LAL (Charles River) |
|----------------------------|--------------------------------|
| Cartridge Lot #            | 2612141407                     |
| Cartridge Calibration Code | 512830694630                   |
| Detection Range            | 0.05 EU/mL – 5.0 EU/mL         |
| Spike Value                | 0.778 EU/mL                    |
| Spike Recovery             | 118% Pass                      |
| Test Suitability           | Pass                           |

### Endotoxin Quantitation Results

| Sample ID            | Replicates | Measured EU/mL | Specification | Pass/Fail |
|----------------------|------------|----------------|---------------|-----------|
| GLP-2T (Tirzepatide) | 1          | < 0.05 EU/mL   | <= 0.50 EU/mL | Pass      |

### Interpretation:

Endotoxin level in GLP-2T (Tirzepatide) was measured using chromogenic LAL assay with detection at 405 nm. The result of < 0.05 EU/mL indicates that the endotoxin content is below the acceptable threshold of 0.50 EU/mL. Sample **Passes** the endotoxin limit test.

Analyst Signature: \_\_\_\_\_



Date: 08/31/2026

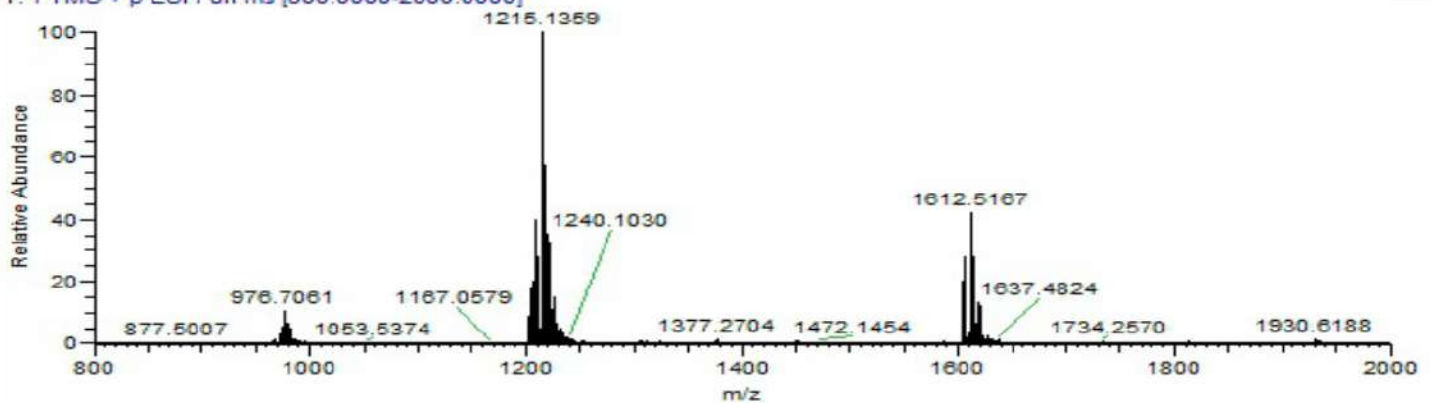
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Alternatively, scan the QR code below to access the official record on our website.



## Full Scan Mass Spectrometry Analysis

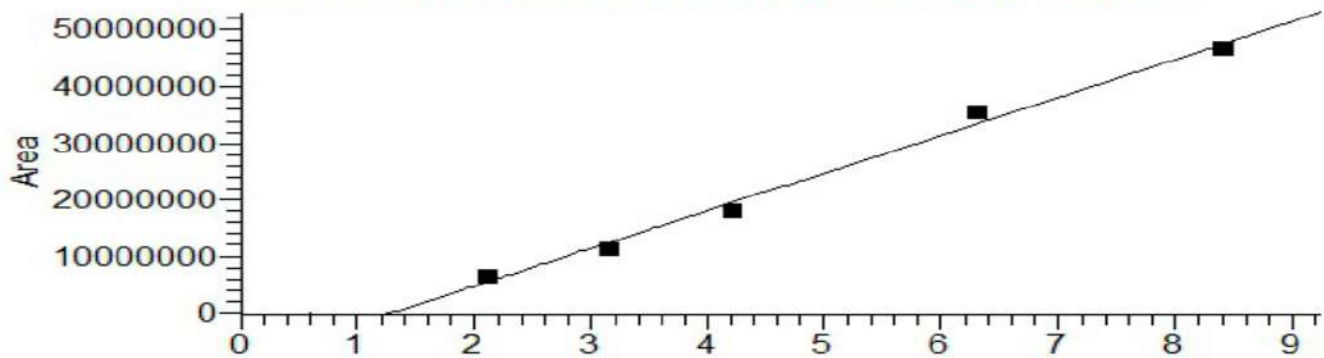
RC-TRZ-20mg\_01 #523 RT: 2.47 AV: 1 NL: 8.40E6  
T: FTMS + p ESI Full ms [800.0000-2000.0000]



## Calibration Curve

**Tirzepatide**

$$Y = -8.57782e+006 + 6.66643e+006 * X \quad R^2 = 0.9913 \quad W: \text{Equal}$$



**Analysis Performed by**  
Bellagio Lutjen, B.S.  
Analytical Chemist  
contact@bioregen.com

COA #13863  
Security Key **REVITA01**  
bioregen.com/verify



Signature of Bellagio Lutjen

Sample Received: July 9, 2026

COA Issued: July 15, 2026

PRODUCT INFORMATION

Vendor: Revitacore      Sample Name: GLP-2T 30mg      Sample Type: White lyophilized powder      Lot Number: T302605Q      MW (g/mol): 4813.5

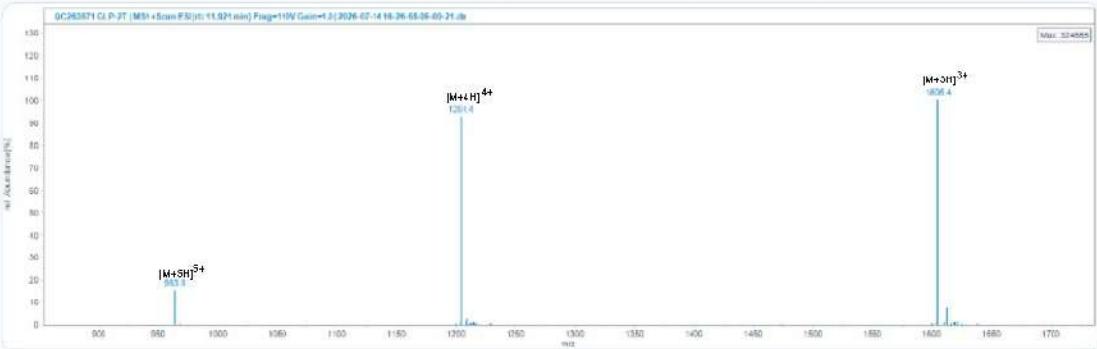
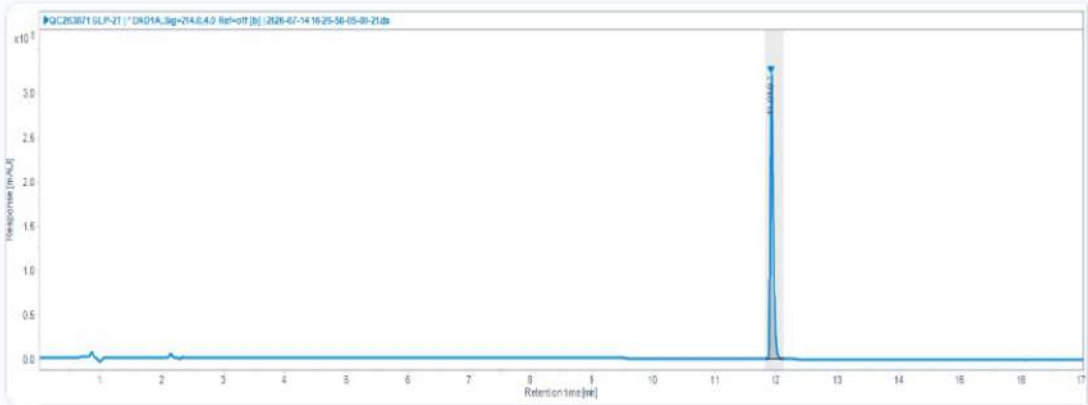
ANALYTICAL METHODS

Identity: Confirmed via LC-MS  
Purity: RP-HPLC (214 nm)  
Content: HPLC quantitation

TEST RESULTS

| Specification    | Result      | Method            | Status     |
|------------------|-------------|-------------------|------------|
| Identity: GLP-2T | Tirzepatide | LC-MS/MS          | ✓ Conforms |
| Content          | 31.20 mg    | HPLC Quantitation | ✓ Conforms |
| Overall Purity   | 99.7%       | RP-HPLC (214 nm)  | ✓ Conforms |
| Endotoxin        | <0.05 EU/mL | <USP85>           | ✓ Conforms |

HPLC Chromatogram (Retention Time: 11.919 min)



Certification: This COA confirms that the tested material meets or exceeds Bioviridian’s analytical quality specifications for peptide research use.  
Visit: <https://bioviridians.com/coa-search.html>



Shane Straight  
Shane Straight, M.S.  
Principal Chemist, Bioviridian Inc.

Sample Received: July 9, 2026

COA Issued: July 15, 2026

PRODUCT INFORMATION

|                       |                             |                                          |                         |                       |
|-----------------------|-----------------------------|------------------------------------------|-------------------------|-----------------------|
| Vendor:<br>Revitacore | Sample Name:<br>GLP-2T 60mg | Sample Type:<br>White lyophilized powder | Lot Number:<br>T602604A | MW (g/mol):<br>4813.5 |
|-----------------------|-----------------------------|------------------------------------------|-------------------------|-----------------------|

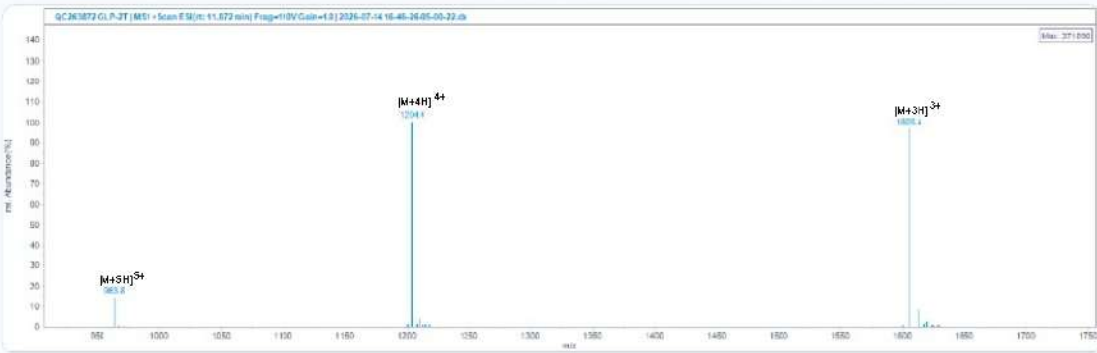
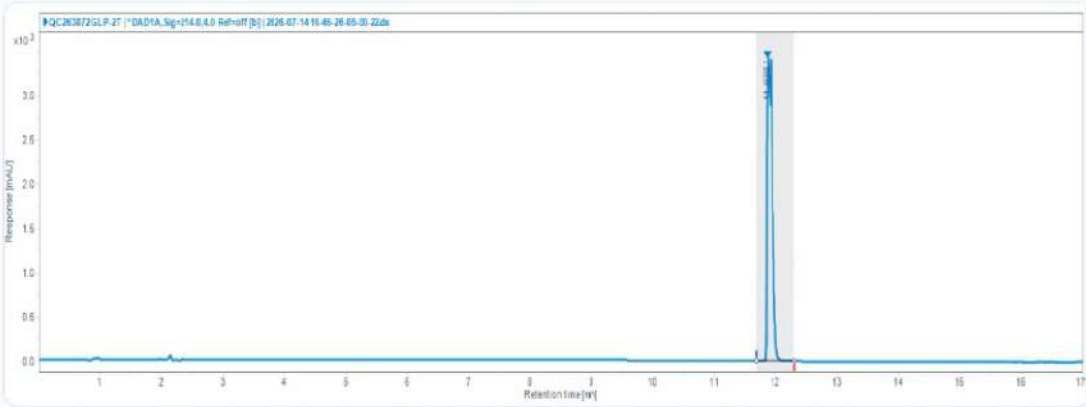
ANALYTICAL METHODS

Identity: Confirmed via LC-MS  
Purity: RP-HPLC (214 nm)  
Content: HPLC quantitation

TEST RESULTS

| Specification    | Result      | Method            | Status     |
|------------------|-------------|-------------------|------------|
| Identity: GLP-2T | Tirzepatide | LC-MS/MS          | ✓ Conforms |
| Content          | 62.14 mg    | HPLC Quantitation | ✓ Conforms |
| Overall Purity   | 99.8%       | RP-HPLC (214 nm)  | ✓ Conforms |
| Endotoxin        | <0.05 EU/mL | <USP85>           | ✓ Conforms |

HPLC Chromatogram (Retention Time: 11.873 min)



Certification: This COA confirms that the tested material meets or exceeds Bioviridian’s analytical quality specifications for peptide research use.

Visit: <https://bioviridians.com/coa-search.html>



Shane Straight  
Shane Straight, M.S.  
Principal Chemist, Bioviridian Inc.