# BIOVIRIDIAN

Excellence in HPLC-MS Analysis

# CERTIFICATE OF ANALYSIS

Web Verification Code: **COA10973**

SAMPLE RECEIVED
**September 23, 2026**

COA ISSUED
**October 12, 2026**

## SAMPLE INFORMATION

Vendor
**Shop Peptides Direct**

Sample Name
**Tirzepatide 120mg**

Sample Type
**White lyophilized powder**

Lot Number
**SPD-TIR-010**

Molecular Weight
**4813.5 g/mol**

## ANALYTICAL METHODS

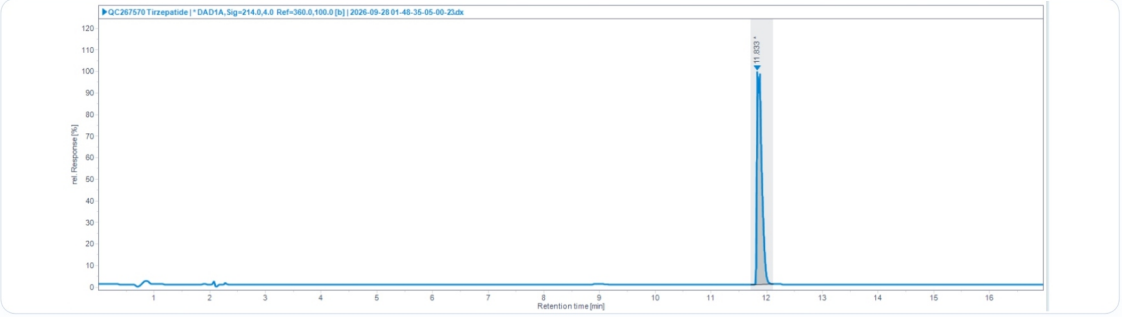
**Identity:** Confirmed via LC–MS/MS
**Purity:** RP-HPLC (214 nm)
**Content:** HPLC quantitation

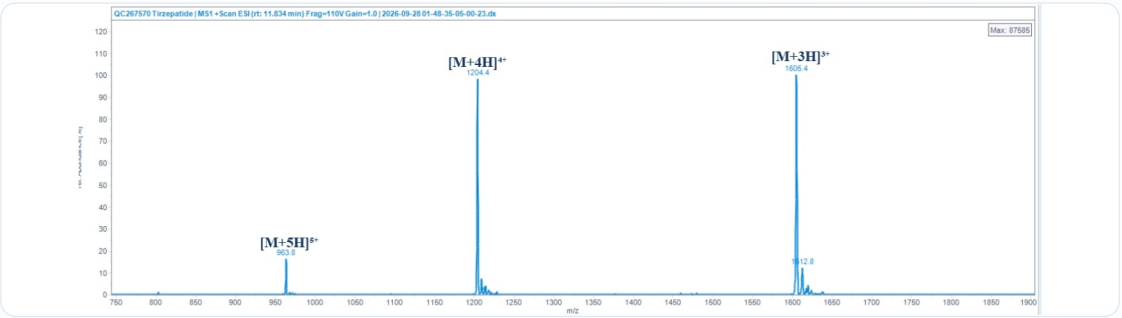
## TEST RESULTS

| Specification | Result | Method | Status |
|---|---|---|---|
| Identity: Tirzepatide | Tirzepatide | LC-MS/MS | ✓ Conforms |
| Content | 121.54 mg | HPLC Quantitation | ✓ Conforms |
| Overall Purity | 99.74% | RP-HPLC (214 nm) | ✓ Conforms |
| Endotoxin | <0.05 EU/ml | <USP85> | ✓ Conforms |
| Heavy Metals | <0.01 ppm | <USP232> | ✓ Conforms |

**HPLC Chromatogram · Retention Time** 11.833 **min**




**Certification:** This Certificate of Analysis confirms that the tested material meets or exceeds Bioviridian's analytical quality specifications for peptide research use.

Verify authenticity at **bioviridians.com/coa-search.html** using the Web Verification Code above.

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