

Sample Received: **June 1, 2026**

COA Issued: **June 17, 2026**

PRODUCT INFORMATION

Vendor: **American Peptides** Sample Name: **Tirzepatide 60mg** Sample Type: **White lyophilized powder** Lot Number: **TIR600-0528** MW (g/mol): **4813.5**

ANALYTICAL METHODS

Identity: Confirmed via MALDI-MS

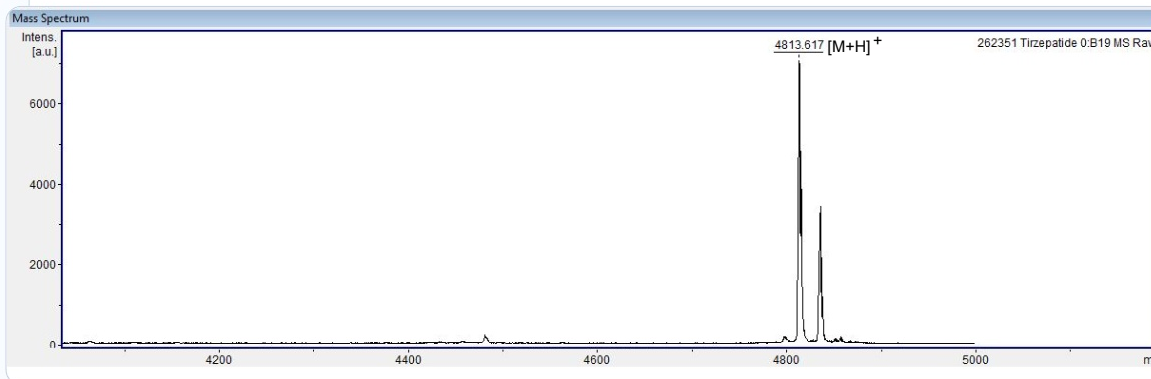
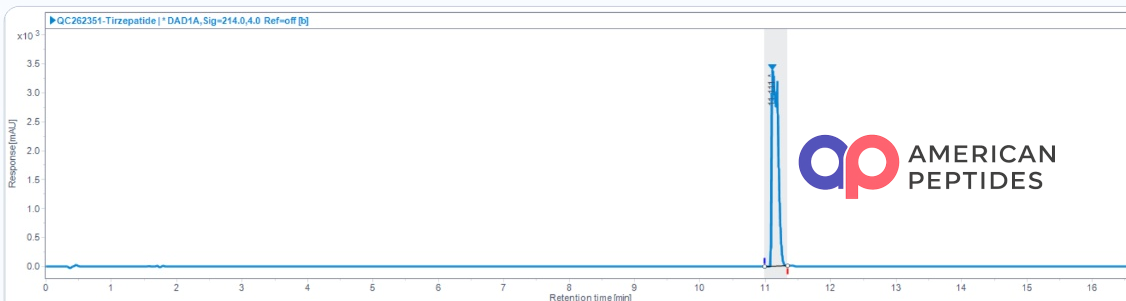
Purity: RP-HPLC (214 nm)

Content: HPLC quantitation

TEST RESULTS

| Specification | Result | Method | Status |
|-----------------------|--------------|-------------------|------------|
| Identity: Tirzepatide | Tirzepatide | MALDI-MS | ✓ Conforms |
| Content | 60.57 mg | HPLC Quantitation | ✓ Conforms |
| Overall Purity | 99.9% | RP-HPLC (214 nm) | ✓ Conforms |
| Sterility | Not Detected | <USP71> | ✓ Conforms |
| Heavy Metals | <0.01ppm | <USP232> | ✓ Conforms |
| Endotoxin | <0.05 EU/mL | <USP85> | ✓ Conforms |

HPLC Chromatogram (Retention Time: 11.111 min)



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

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