

Sample Received: **June 1, 2026**

COA Issued: **June 17, 2026**

## PRODUCT INFORMATION

Vendor: **American Peptides**      Sample Name: **Tirzepatide 20mg**      Sample Type: **White lyophilized powder**      Lot Number: **TIR20-0528**      MW (g/mol): **4813.5**

## ANALYTICAL METHODS

**Identity:** Confirmed via MALDI-MS

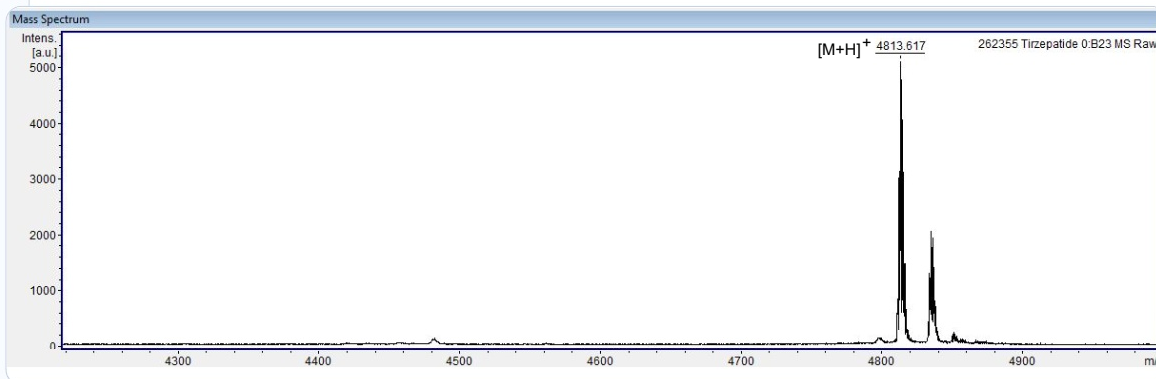
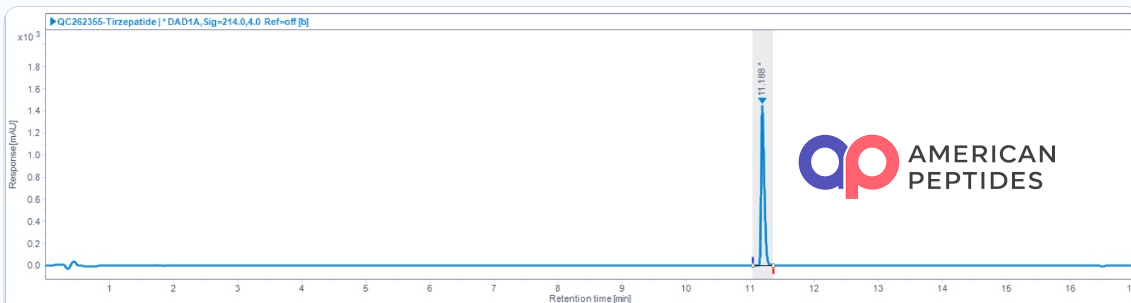
**Purity:** RP-HPLC (214 nm)

**Content:** HPLC quantitation

## TEST RESULTS

Specification	Result	Method	Status
Identity: Tirzepatide	Tirzepatide	MALDI-MS	✓ Conforms
Content	20.38 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: 11.188 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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