BIOVIRIDIAN

Excellence in HPLC-MS Analysis

CERTIFICATE OF ANALYSIS

Web Verification Code: **COA13221**

SAMPLE RECEIVED
October 21, 2026

COA ISSUED
November 6, 2026

SAMPLE INFORMATION

Vendor
MAROGEN BIO

Sample Name
Tirzepatide 20mg

Sample Type
White lyophilized powder

Lot Number
TIR20-1008

Molecular Weight
4813.5 g/mol

ANALYTICAL METHODS

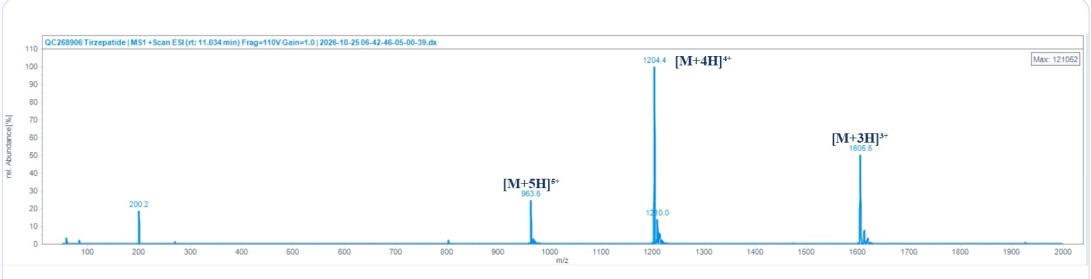
Identity: Confirmed via LC–MS/MS
Purity: RP-HPLC (214 nm)
Content: HPLC quantitation

TEST RESULTS

Specification	Result	Method	Status
Identity: Tirzepatide	Tirzepatide	LC-MS/MS	✓ Conforms
Content	20.75 mg	HPLC Quantitation	✓ Conforms
Overall Purity	99.77%	RP-HPLC (214 nm)	✓ Conforms
Endotoxin	<0.05 EU/ml	<USP85>	✓ Conforms
Heavy Metals	<0.01 ppm	<USP232>	✓ Conforms
Sterility	Not Detected	<USP71>	✓ Conforms

HPLC Chromatogram · Retention Time 11.036 **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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