BIOVIRIDIAN

Excellence in HPLC-MS Analysis

CERTIFICATE OF ANALYSIS

Web Verification Code: **COA4002**

Sample Received: **March 30, 2026** | COA Issued: **April 23, 2026**

PRODUCT INFORMATION

Vendor:	Sample Name:	Sample Type:	Lot Number:	MW:
Peplogix	**Tirzepatide (GLP-1,GIP)**	**White lyophilized powder**	**TIRZ042026-MG**	**4813.5 g/mol**

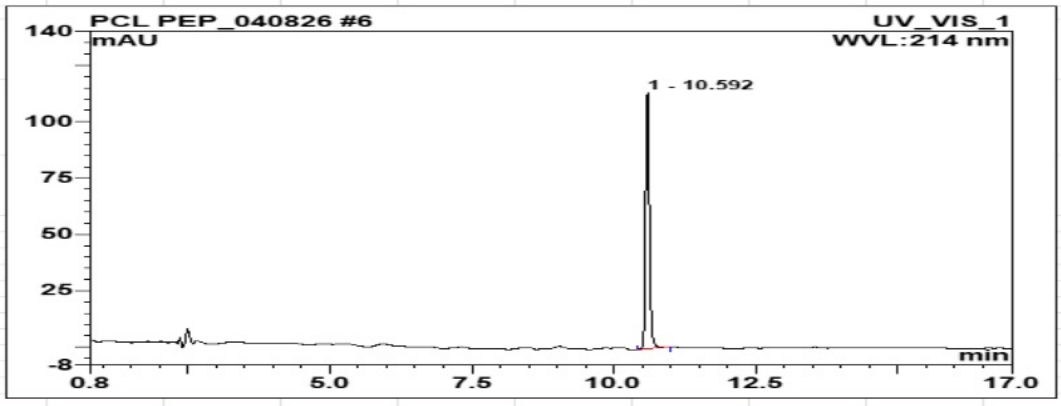
ANALYTICAL METHODS

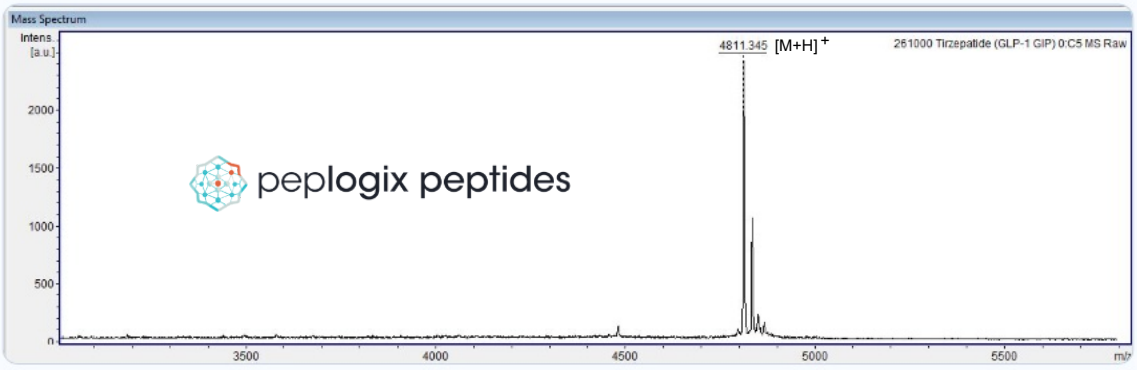
Identity: Confirmed via MALDI–MS
Purity: RP-HPLC (214 nm)
Content: HPLC quantitation

TEST RESULTS

Specification	Result	Method	Status
Identity: Tirzepatide (GLP-1,GIP)	**Tirzepatide**	**MALDI-MS**	✓ Conforms
Content		HPLC Quantitation	✓ Conforms
Overall Purity	**99.8%**	RP-HPLC (214 nm)	✓ Conforms
Endotoxin	**<0.005 EU/mL**	**<USP85>**	✓ Conforms
Heavy Metals	**<0.001 ppm**	**<USP231>**	✓ Conforms

HPLC Chromatogram (Retention Time: 10.592 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.