BIOVIRIDIAN

Excellence in HPLC-MS Analysis

CERTIFICATE OF ANALYSIS

Web Verification Code: **COA10974**

SAMPLE RECEIVED
September 23, 2026

COA ISSUED
October 12, 2026

SAMPLE INFORMATION

Vendor
Shop Peptides Direct

Sample Name
Retatrutide 50mg

Sample Type
White lyophilized powder

Lot Number
SPD-RET-11

Molecular Weight
4731.2 g/mol

ANALYTICAL METHODS

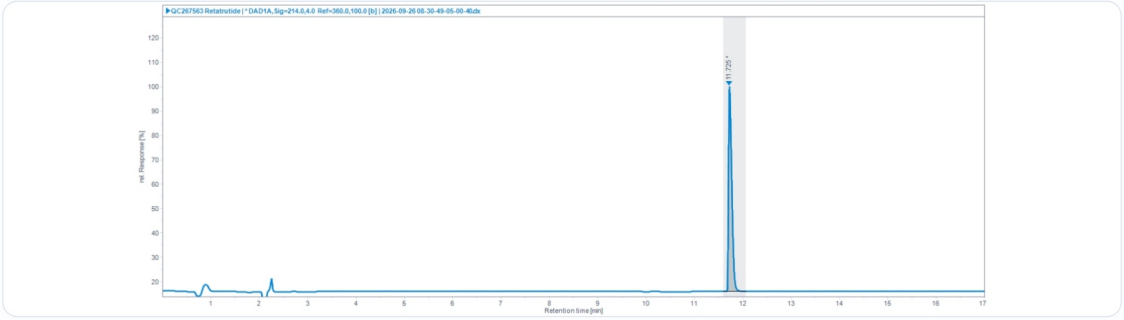
Identity: Confirmed via LC–MS/MS
Purity: RP-HPLC (214 nm)
Content: HPLC quantitation

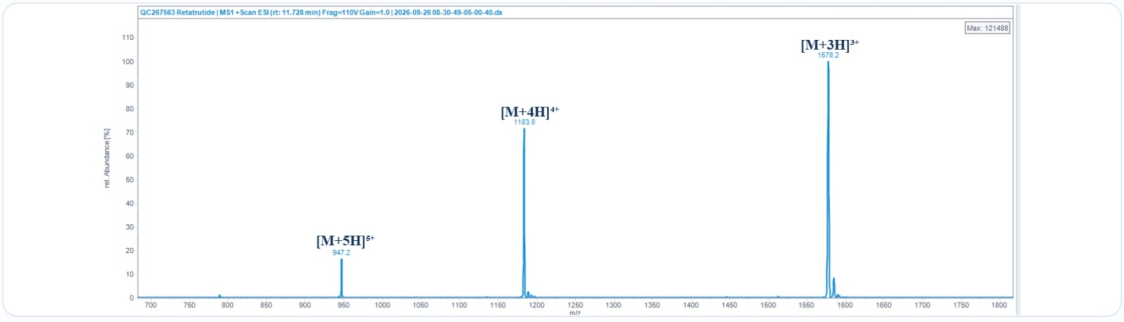
TEST RESULTS

Specification	Result	Method	Status
Identity: Retatrutide	Retatrutide	LC-MS/MS	✓ Conforms
Content	51.42 mg	HPLC Quantitation	✓ Conforms
Overall Purity	99.76%	RP-HPLC (214 nm)	✓ Conforms
Endotoxin	<0.05 EU/ml	<USP85>	✓ Conforms
Heavy Metals	<0.01 ppm	<USP232>	✓ Conforms

HPLC Chromatogram · Retention Time 11.725 **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.

info@bioviridians.com

Shane Straight

Shane Straight, M.S.
Principal Chemist, Bioviridian Inc.