

SAMPLE IDENTIFICATION

Peptide:	Retatrutide	Date Requested:	N/A
Client:	Precision Synthetics Canada	Date Received:	Jun 3, 2026
Vendor:	Precision Synthetics Canada	Date Tested:	Jun 9, 2026
Lot Number:	N/A	Date Reported:	Jun 10, 2026

HPLC-UV PURITY & CONTENT ANALYSIS

Expected Content
20.00 mg

Sample Name #3 PREC-RETA-20-053126 Data File 260615_0416.d Acq Method Peptide_de-salt_AS.m
DA Method AIMS_Peptide.m Instrument Agilent 6538 UHD Acq Date, Time 15/06/2026 3:38:47 PM
Comment ESI+, de-salt, 100x dil.

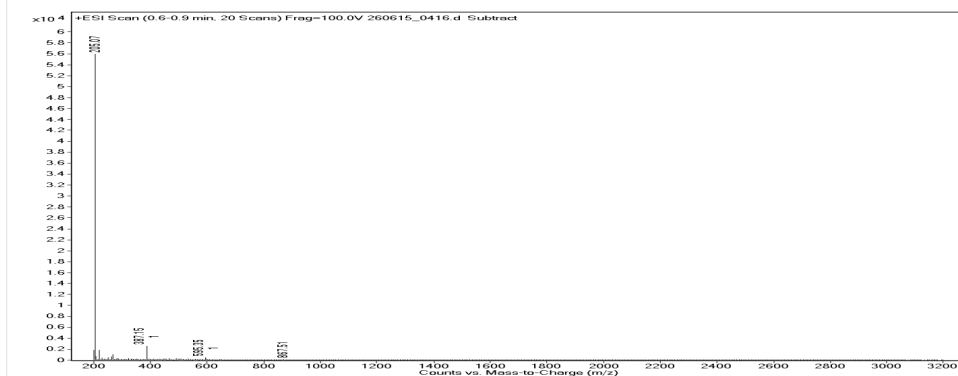
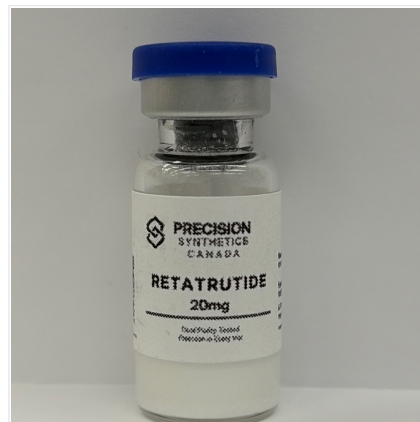


Fig. 1 - HPLC-UV Chromatogram at 214nm



Appearance

Appearance:	White Lyophilized Powder
Cap Color:	Blue

MASS SPECTRUM ANALYSIS

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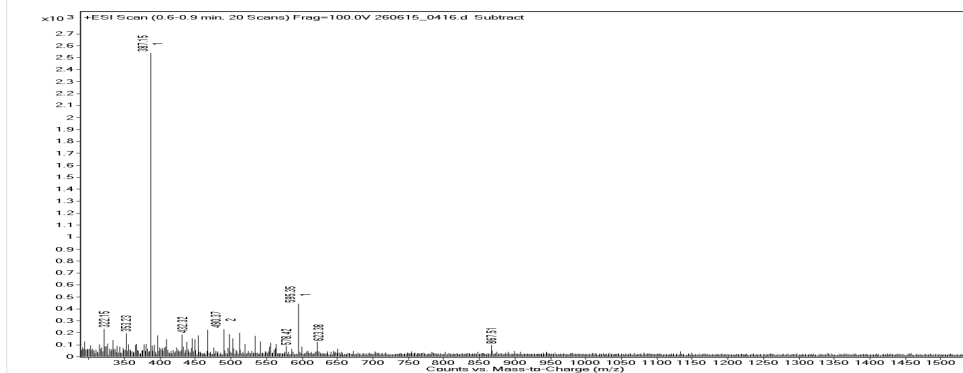


Fig. 2 - Mass spectrum

BACTERIAL ENDOTOXIN TEST (USP <85>)

Method	Result	Specification	Verdict
Kinetic LAL (USP <85>)	< 0.125 EU/mL	<= 0.125 EU/mL	PASS

Interpretation: Endotoxin not detected (0.125 EU/mL) at validated 1:16 dilution (3.0 mL reconstituted vial).

NOTES

Sample analyzed by ESI-MS (positive mode) following de-salting and 100 $\times$ dilution (Agilent 6538 UHD, data file 260615_0416.d, acquired 15-Jun-2026). Consistent with the other samples in this set, the spectrum is dominated by mannitol-related ions: the sodium adduct $[M+Na]^+$ at m/z 205.07 and the dimer adduct $[2M+Na]^+$ at m/z 387.15 (calc. 205.07 and 387.15), with a further cluster signal at m/z 595.35. The remaining peaks (m/z 322, 353, 432, 490, 578, 623, 867, etc.) are low-abundance background with no coherent isotope or charge-state pattern. The characteristic multiply-charged ESI envelope expected for retatrutide (MW 4731 Da) was not observed across the scanned range, and no corresponding deconvoluted neutral mass was detected.

This Certificate of Analysis is provided for informational and research purposes only.



Digital Verification