KOVERA LABS

CERTIFICATE OF ANALYSIS

REPORT # KVR-2026-AE12A0

Client: Grey Axis Research, LLC

Certified: 10/14/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

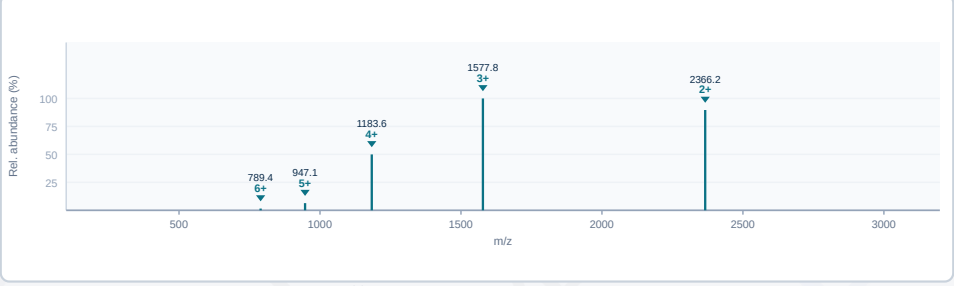
Product	Retatrutide	**Form**	Lyophilized Powder
Batch	GX-R30-21026	**Labeled Qty**	30 mg
Cap Color	White	**Crimp Color**	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Purity	(>98%)	99.874% ✓
Net Content	(~30mg)	35.88 mg ✓
Identity Confirmation (LC-MS)	(Retatrutide)	Retatrutide ✓

MASS SPECTRUM

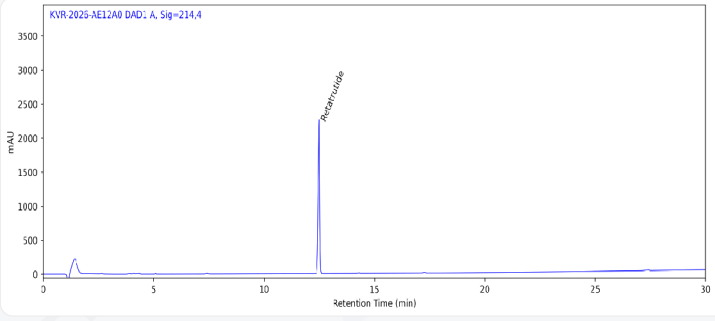
ESI + mode, MS1 centroid Charge states confirmed **5**



Each coloured stick is a confirmed charge state of the compound(s) above, drawn at the intensity measured for that ion. Height is relative to the strongest confirmed ion and is not proportional to concentration; content is reported in the Test Results above.

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm





Lemar Arghandiwal
Lab Director

koveralabs.com/verify

Report#: KVR-2026-AE12A0

Access Code: 635QVOG

Mass Spectrometry Report

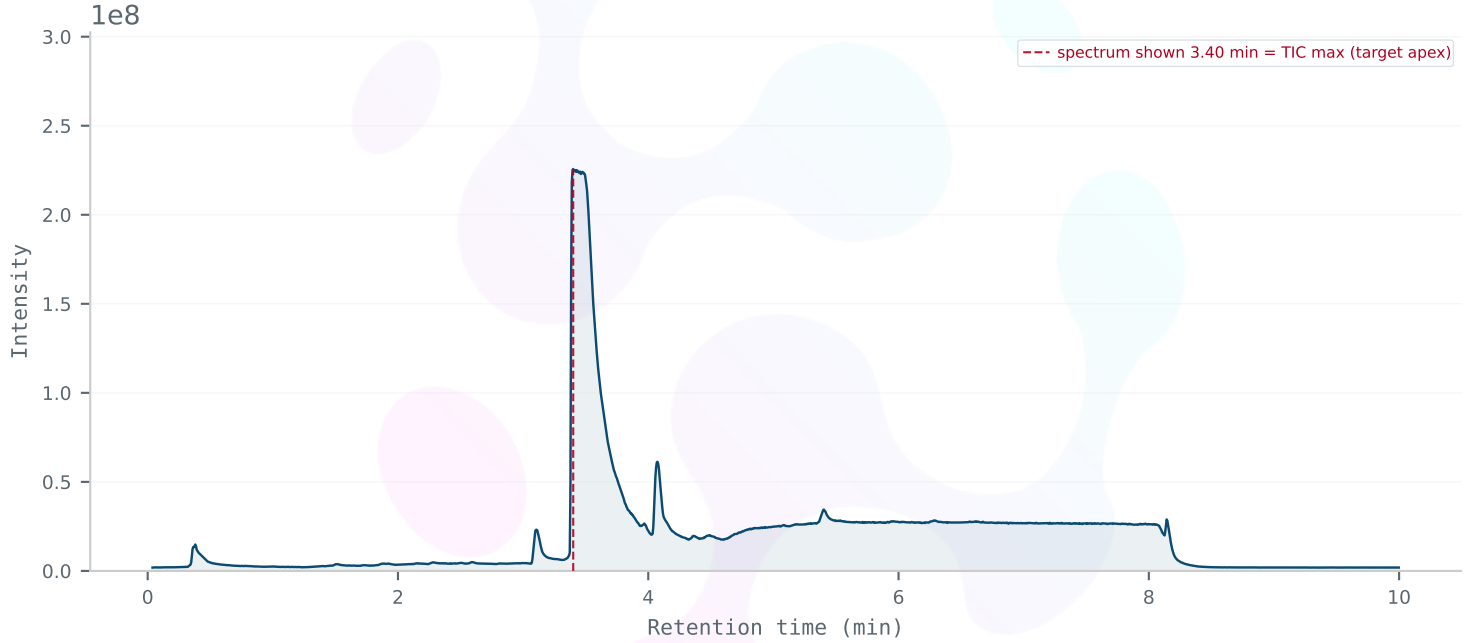
LC/MS (ESI Q-TOF) identity confirmation

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PROOF IN PURITY

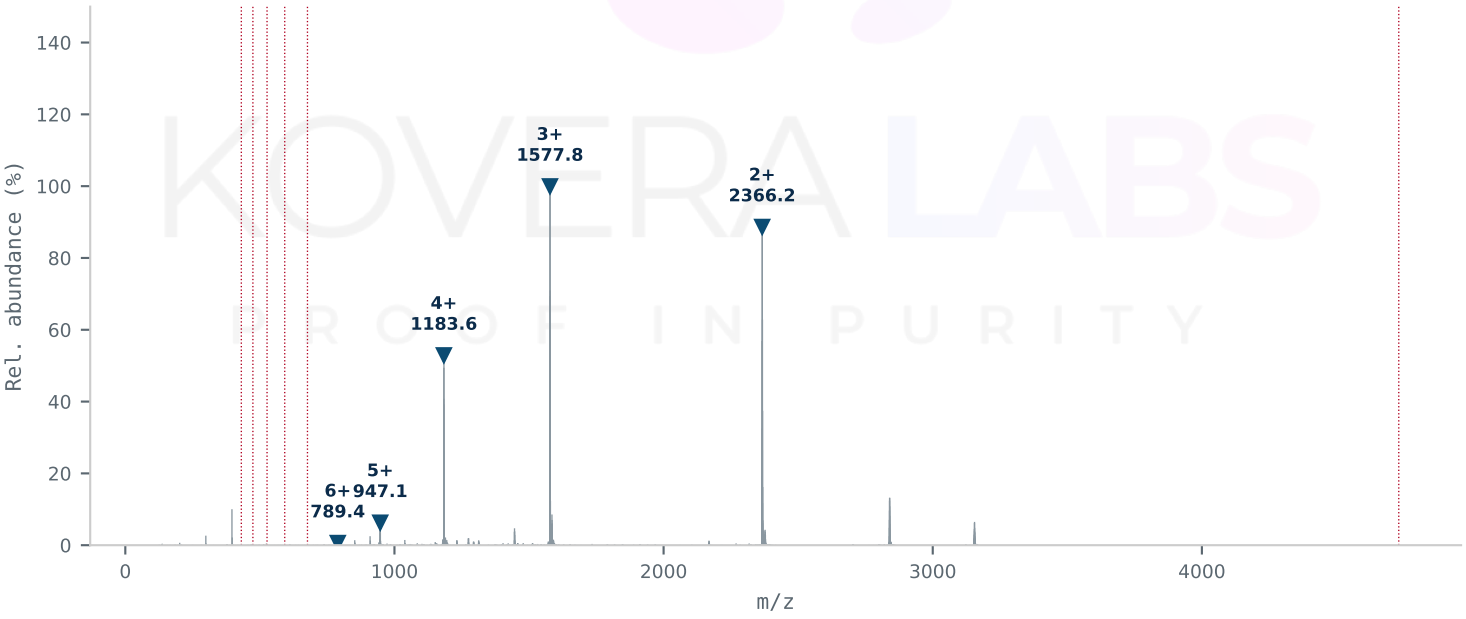
RETATRUTIDE - DETECTED

Sample Name : GRE-973195 AE12A0 RETA 30mg Compound : Retatrutide
Report ID : KVR-2026-AE12A0 Order : GRE-973195
Acquired : 2026-10-15 18:28:20 Polarity : + (ESI)
Expected : 4728.47 Da (monoisotopic) Coverage : 5/10 (50%)

Total Ion Chromatogram (TIC)



MS Spectrum at 3.40 min - target envelope apex



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Mass Spectrometry Report

LC/MS (ESI Q-TOF) identity confirmation

Adulterant & Excipient Screen

Presumptive accurate-mass screen of EVERY MS1 scan for common RUO excipients/fillers and controlled-substance adulterants (fentanyl class), matched through [M+H]+, [M+Na]+, [M+K]+, [M+NH4]+ adducts.

FENTANYL / ADULTERANT SCREEN: NOT DETECTED

Species	Class	Adduct	Target m/z	Obs m/z	RT (min)	Rel %	Scans
Disaccharide (sucrose / trehalose...	Excipient	[M+Na]+	365.105	365.105	0.40	100.0	158
Mannitol	Excipient	[M+Na]+	205.068	205.068	0.38	20.5	104

SCREEN, NOT CONFIRMATION. Single-stage accurate-mass ESI+ cannot distinguish isobaric compounds without MS/MS. A hit is a presumptive flag: confirm any controlled-substance (fentanyl-class) detection by MS/MS or a reference standard before any release or reporting decision. Absence of a hit does not guarantee absence of an adulterant outside this library or below the screen threshold. Excipient/filler hits are expected in many RUO products (lyoprotectants, buffers, bacteriostatic agents) and are informational.

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Mass Spectrometry Report

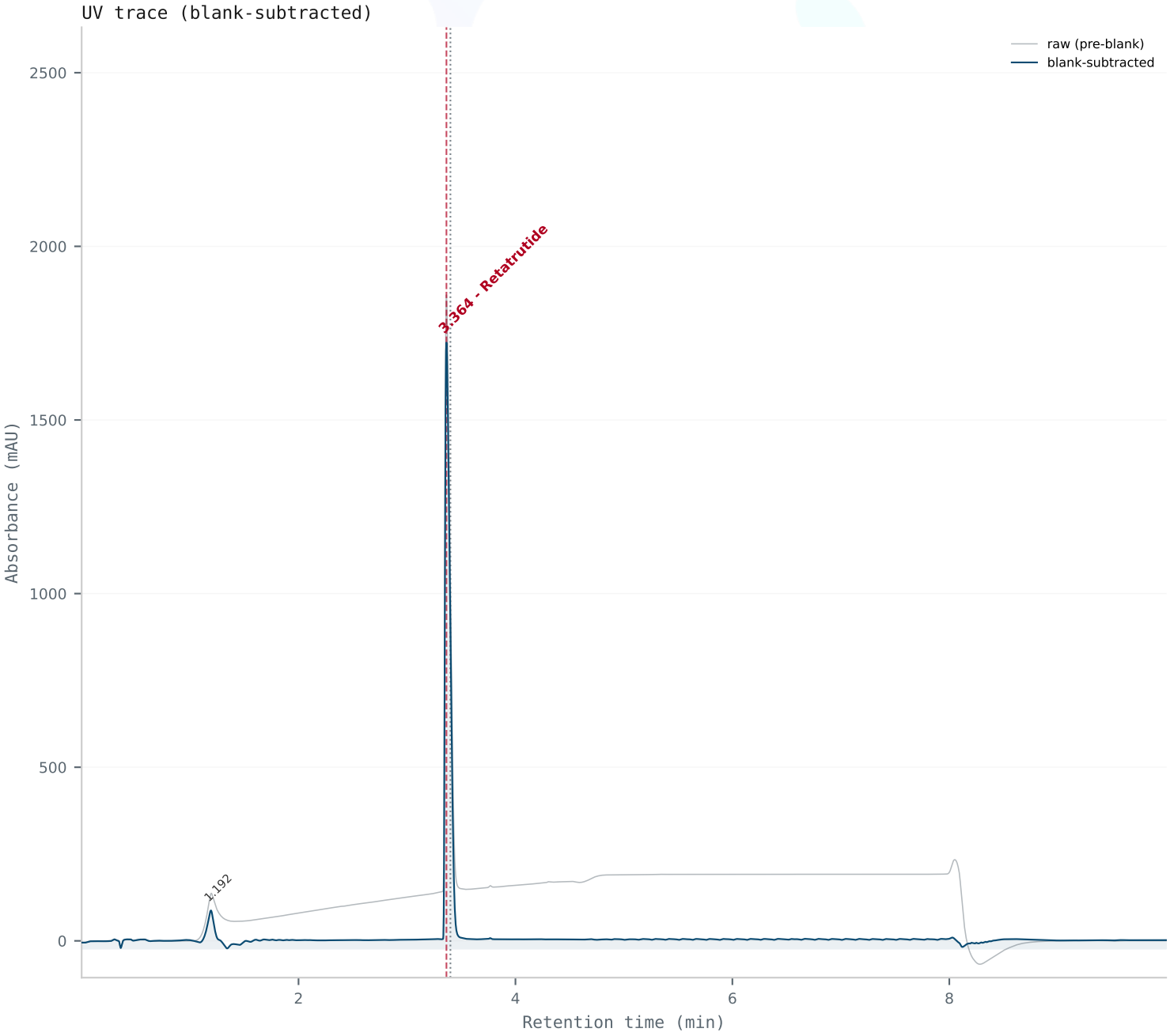
LC/MS (ESI Q-TOF) identity confirmation

UV / DAD Chromatogram

Diode-array trace acquired on the same injection as the MS data. Channel: 214 nm

Identified peaks (UV / DAD)

RT (min)	Identification	Height (mAU)	Area (mAU*s)
1.192	unidentified	86.0	340.7
3.364	**Retatrutide - matches the MS ion**	**1699.5**	**5496.2**



No net content or purity is derived from this trace on this report - the DAD trace is used here for identification support only.