Gold Standard Analytics

Gold Standard Analytics LLC, Houston, TX

CERTIFICATE OF ANALYSIS

Report GSA-COA-000140-14001-20261126 · issued Nov 26, 2026

Andy Benavides

PRODUCT	ORDER	SAMPLE
Retatrutide	GSA-2026-000140	140-01
LOT	**ISSUED**	
8676-4	Nov 26, 2026	

THE SAMPLE AS RECEIVED

IDENTITY

Retatrutide

confirmed by mass

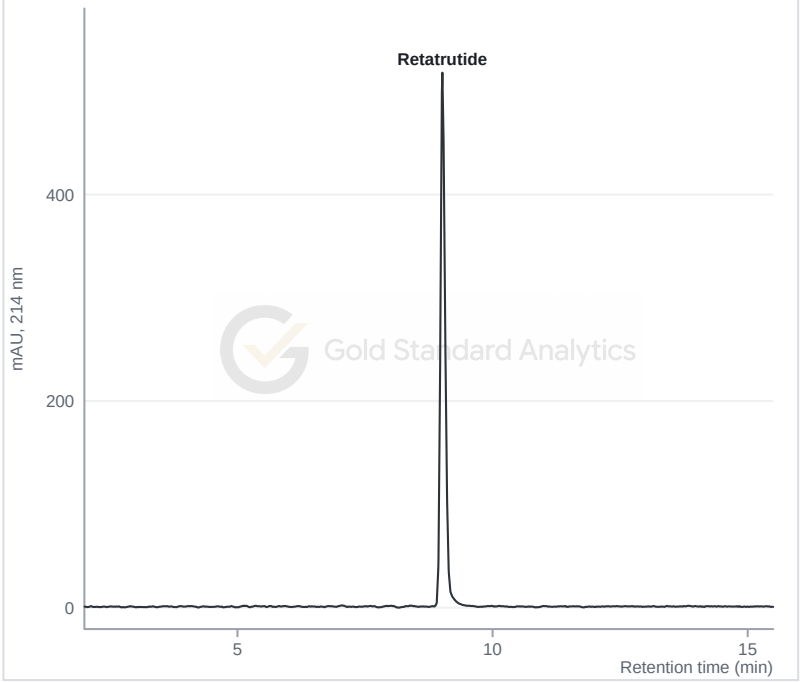
PURITY

99.59 %

HPLC-UV, 214 nm

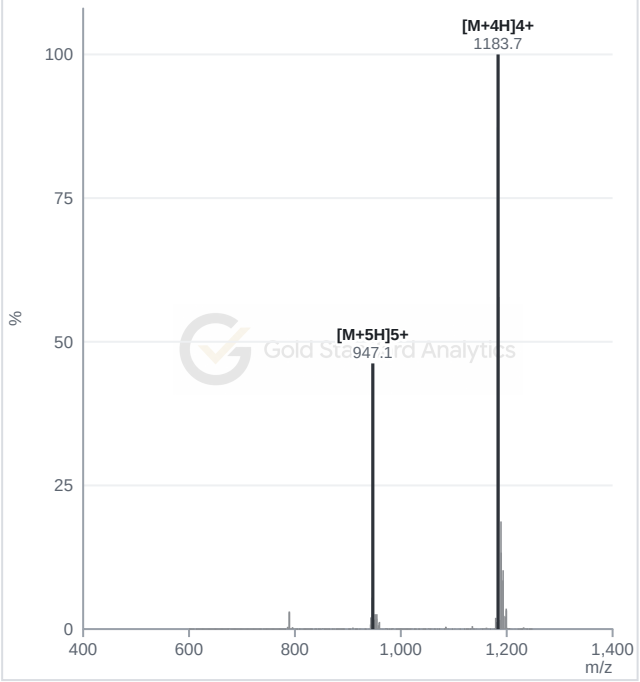
HPLC CHROMATOGRAM

UV, 214 nm



MASS SPECTRUM

at the retatrutide peak (9.02 min)



RELEASED BY

Ian Ebert

Chemist & Lab Lead · Nov 27, 2026

Scan to verify

goldstandardanalytics.com/coa/

Results are not covered by ISO/IEC 17025 accreditation. Results relate only to the sample as received and tested.

The sample

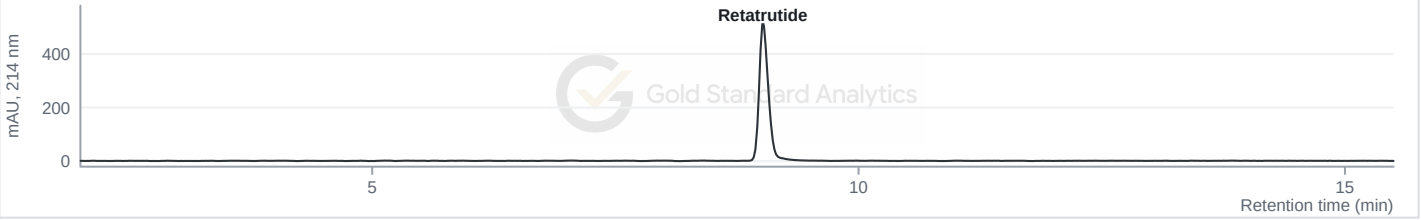
Order GSA-2026-000140 · Sample 140-01 · Andy Benavides

Customer	**Andy Benavides**	Lot	**8676-4**
Order	**GSA-2026-000140**	Prepared	**25 Nov 2026**
Sample	**140-01**	Tested	**26 Nov 2026**
Label	**No manufacturer label (clear vial, white cap); declared retatrutide 10 mg**	Tests	**Identity, Purity**

Graphs

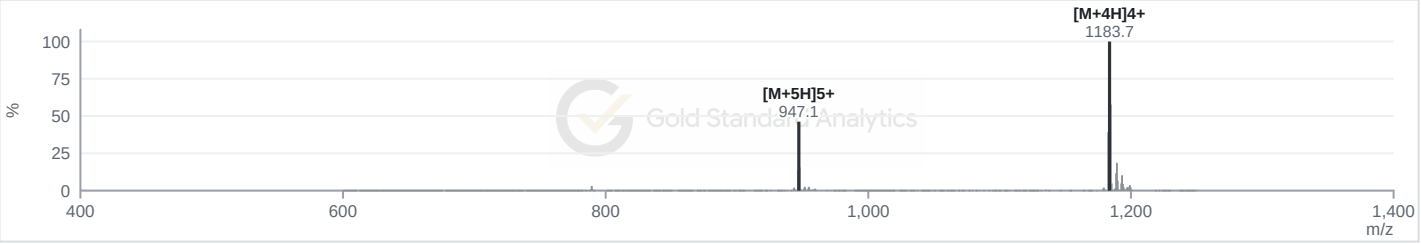
HPLC CHROMATOGRAM

HPLC chromatogram (UV, 214 nm) · mAU, 214 nm against Retention time (min)



MASS SPECTRUM

Mass spectrum at the retatrutide peak (9.02 min) · Counts against m/z



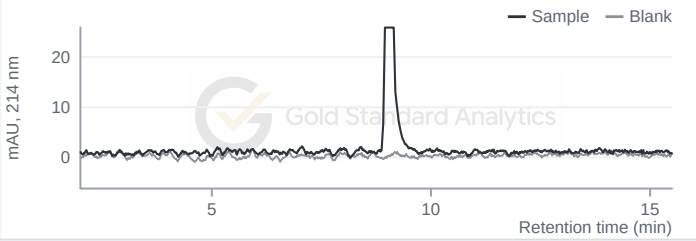
Results

Identity	**Consistent with retatrutide.** The main peak at 9.02 min carries retatrutide's 4+ and 5+ ions (m/z 1183.7 and 947.1; molecular mass 4,730.6, expected 4,731.3).
Purity	**99.59 %** by HPLC with UV detection at 214 nm. No peak other than retatrutide was found, down to about 0.41 % of the retatrutide peak height, so purity is reported as 99.59 % rather than as 100 %.

Zoomed views

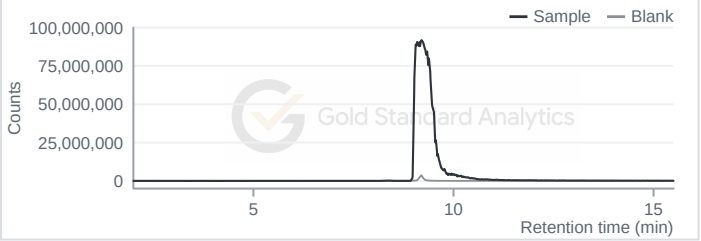
HPLC, SMALL PEAKS

Zoomed in on the small peaks (5 % of the main peak) · mAU, 214 nm against Retention time (min)



ION TRACE

Ion trace, m/z 1183.8 (retatrutide 4+): sample vs blank · Counts against Retention time (min)



How it was tested

Liquid chromatography with UV and mass-spectrometry detection: Agilent 1290 Infinity II LC with a 6490 triple-quadrupole mass spectrometer. Column Polaris C18-A, 2.0 x 150 mm, 55 °C; water and acetonitrile, each with 0.1 % formic acid. Identity: molecular mass from the multiply charged ions in the mass spectrum. Purity: UV peak area at 214 nm, after subtracting a blank run in the same sequence. 1.2 µL injected; autosampler at 12 °C.

Notes

Results apply only to the sample as received and tested.

Release

This report is signed electronically at release. The signature is printed on page 1, and the release record, added as the last page, gives the date and the verification code.

Customer and order	Andy Benavides · GSA-2026-000140
Sample and report	140-01 · Retatrutide Certificate of Analysis
Report reference	GSA-COA-000140-14001-20261126
Certificate accession	GSA-2026-947024
Released and signed by	Ian Ebert, Chemist & Lab Lead
Date and time (UTC)	2026-11-27 06:59:12Z
Signature meaning	Approved for release. The signer reviewed this report and approved its release to its customer.
Approval reference	374a9061-5d25-4cb1-b0fd-320f1e4907b7
Electronic signature	Signed electronically in a signed-in GSA staff account.
Original report SHA-256	ab2f5d939a8605154d08da10707a6de9ca7d533f9ddb97b04960c39b4a22d318
Verify this certificate	https://goldstandardanalytics.com/coa/GSA-2026-947024

Scan to view this certificate online

Signature

Ian Ebert, Chemist & Lab Lead