Gold Standard Analytics

Gold Standard Analytics LLC, Houston, TX

CERTIFICATE OF ANALYSIS

Report GSA-COA-000071-07101-20261104-2 · issued Nov 13, 2026

Stellar Compounds

PRODUCT	ORDER	SAMPLE
Retatrutide	GSA-2026-000071	071-01
LABEL	**LOT**	**ISSUED**
Retatrutide 15 mg	ST-RT26007	Nov 13, 2026



THE SAMPLE AS RECEIVED

IDENTITY

Retatrutide

confirmed by mass and retention time

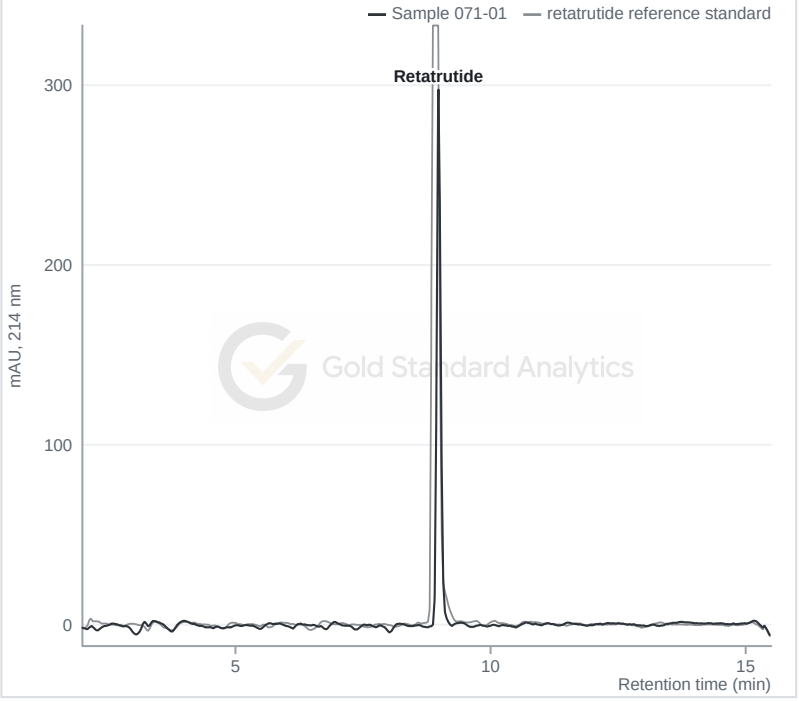
PURITY

98.5 %

HPLC-UV, 214 nm, peptide-related peaks

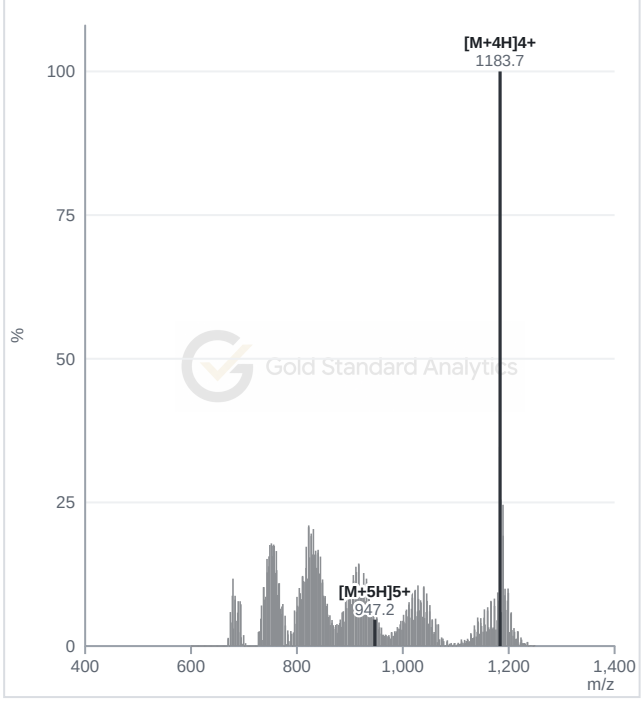
HPLC CHROMATOGRAM

UV, 214 nm



MASS SPECTRUM

at the retatrutide peak (8.98 min)



RELEASED BY

Ian Ebert

Laboratory Director · Nov 13, 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

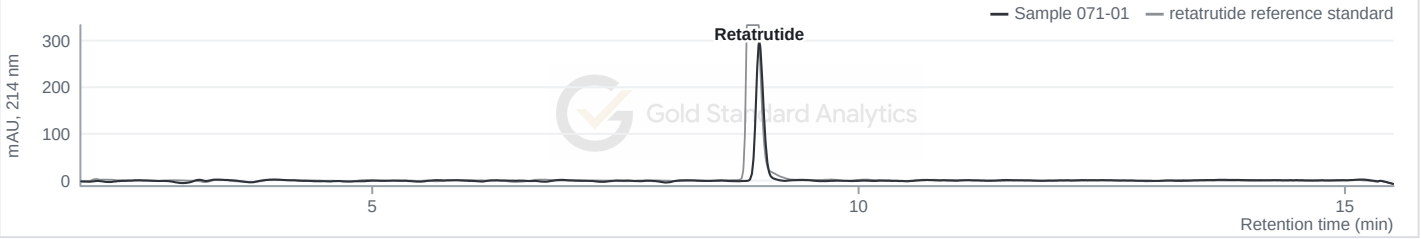
Order GSA-2026-000071 · Sample 071-01 · Stellar Compounds

Customer	**Stellar Compounds**	Lot	**ST-RT26007**
Order	**GSA-2026-000071**	Prepared	**2 Nov and 4 Nov 2026 (two separate preparations)**
Sample	**071-01**	Tested	**2 Nov and 4 Nov 2026**
Label	**Retatrutide 15 mg**	Tests	**Identity, Purity**

Graphs

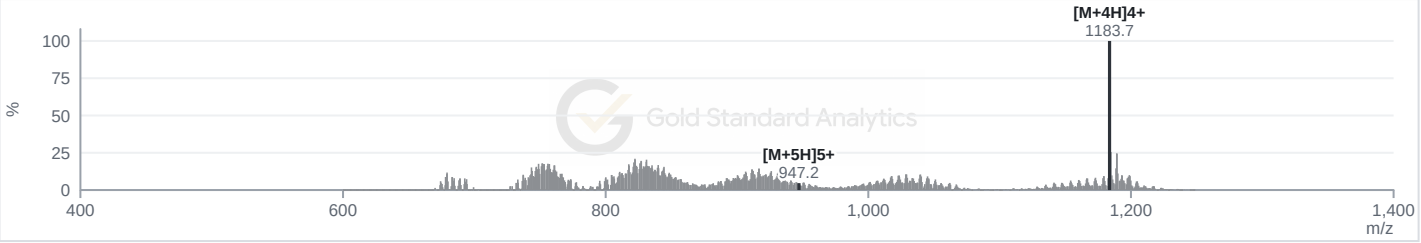
HPLC CHROMATOGRAM

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



MASS SPECTRUM

Mass spectrum at the retatrutide peak (8.98 min) · Counts against m/z



Results

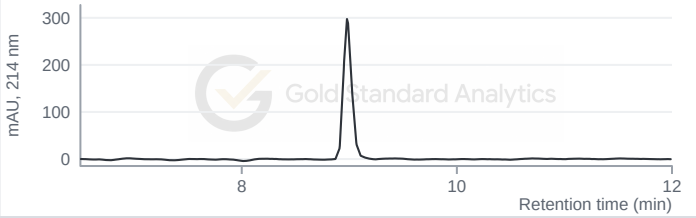
Identity **Consistent with retatrutide.** The main peak at 8.98 min carries retatrutide's 4+ and 5+ ions (m/z 1183.7 and 947.2; molecular mass 4,730.9, expected 4,731.3) and elutes within 1 % of a retatrutide reference standard (8.90 min).

Purity **98.5 %** by HPLC with UV detection at 214 nm: retatrutide as a share of the peptide-related peaks, the mean of two separate preparations of the vial (98.6 % and 98.3 %). The other peptide-related peaks are two small unidentified peaks at 9.84 min (0.5 %) and 11.48 min (1.0 %).

Zoomed views

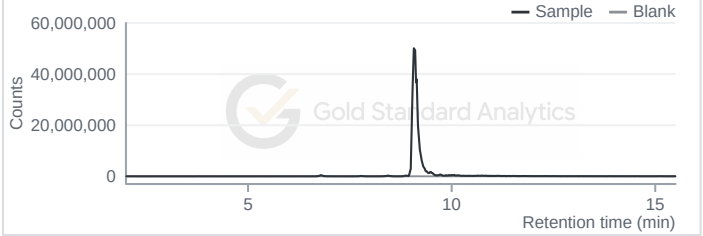
HPLC, SMALL PEAKS

UV chromatogram around the retatrutide peak · mAU, 214 nm against Retention time (min)



ION TRACE

Ion trace, m/z 1183.7 (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, and retention time against a retatrutide reference standard run on the same method. Purity: UV peak area at 214 nm.

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.

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Release record

Report GSA-COA-000071-07101-20261104-2 · Certificate GSA-2026-225394

Customer and order	Stellar Compounds · GSA-2026-000071
Sample and report	071-01 · Retatrutide Certificate of Analysis
Report reference	GSA-COA-000071-07101-20261104-2
Certificate accession	GSA-2026-225394
Released and signed by	Ian Ebert, Laboratory Director
Date and time (UTC)	2026-11-13 20:24:17Z
Signature meaning	Approved for release. The signer reviewed this report and approved its release to its customer.
Approval reference	5fae631c-fc3b-48ef-bef5-755b3c0aa0e8
Electronic signature	Signed electronically in a signed-in GSA staff account.
Original report SHA-256	817338e7596d1513901b1e0cb826c835011048d757de375dc342d8ab422e7ae1
Verify this certificate	https://goldstandardanalytics.com/coa/GSA-2026-225394

Scan to view this certificate online

Signature

Ian Ebert, Laboratory Director