



Scan to verify

GLP-1 blind panel

Order GSA-2026-000072 · Sample 072-01 · Brady Kennedy

Customer	Brady Kennedy
Order	GSA-2026-000072
Sample	072-01
Label	No label (clear vial, white cap); declared GLP-1 blind panel, 10 mg
Lot	Ctx bio labs
Prepared	27 Oct 2026
Tested	28 Oct 2026
Tests	Identity, Purity, Content



The sample as received

IDENTITY

Retatrutide

blind sample identified

PURITY

99.8 %

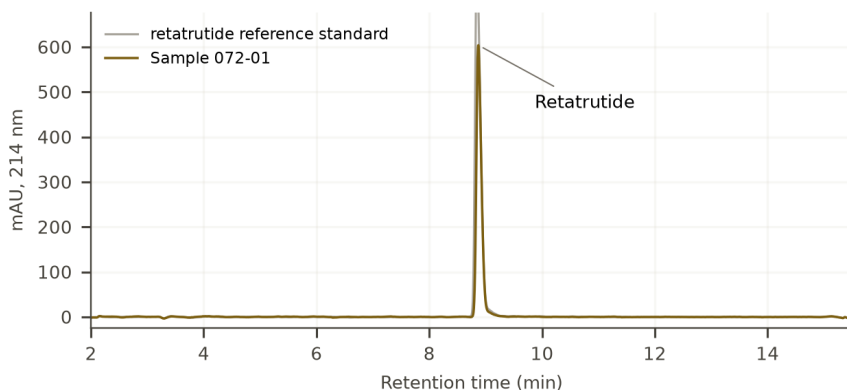
HPLC-UV, 214 nm

CONTENT

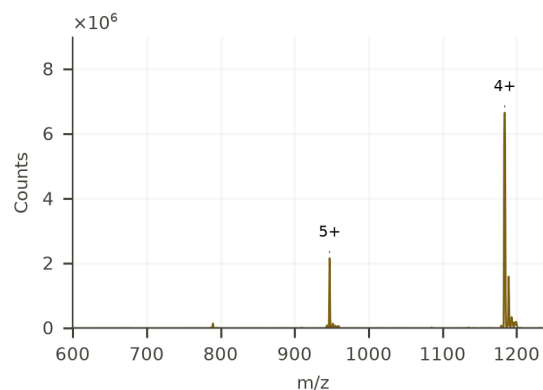
6.9 mg

per vial; 68 % of the declared 10 mg

HPLC chromatogram (UV, 214 nm)



Mass spectrum of the main peak (8.87 min)



Results

Identity	Identified as retatrutide. Measured mass 4731.1 (expected 4731.3); retention time 8.87 min, matching the reference standard (8.85 min). No semaglutide or tirzepatide peak was found.
Purity	99.8 % by HPLC with UV detection at 214 nm (share of the total peak area).
Content	6.9 mg of retatrutide per vial (68 % of the declared 10 mg), by HPLC with UV detection at 220 nm against a retatrutide reference standard.

Impurities

Every peak other than retatrutide that was found in the sample:

Peak (min)	Amount	What it is
5.22	0.12 %	A small unidentified peak (too small for its mass to be measured).

Trace peaks below 0.10 % add up to 0.11 %. Amounts are each peak's share of the total UV peak area at 214 nm.

APPROVED FOR RELEASE

Ian Ebert, Laboratory Director

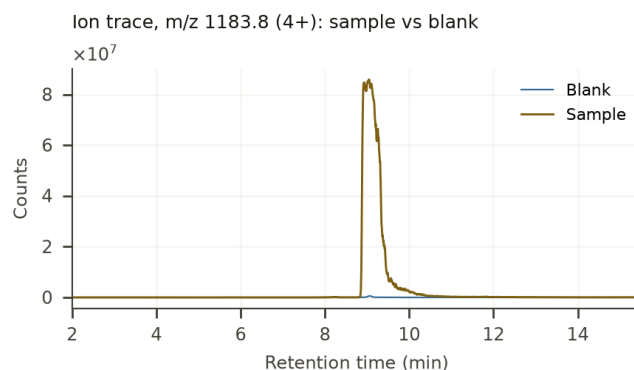
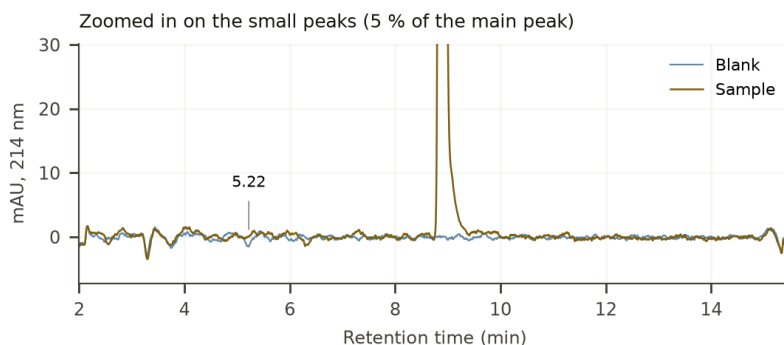
Signed electronically

29 Oct 2026, 20:31 UTC

Release record: last page



Zoomed views



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. Purity: UV peak area at 214 nm. Identity: molecular mass and retention time against a reference standard. Content: UV peak area at 220 nm against a retatrutide reference standard; the whole vial was dissolved.

Notes

Results apply only to the sample as received and tested. Purity is a share of the UV peak area, not a weight percentage. Identity is by molecular mass and retention time; the amino-acid sequence was not checked.

APPROVED FOR RELEASE

Signed electronically by a Gold Standard Analytics lab technician at release.

The signature is at the bottom of page 1; the release record, the last page of this certificate, gives the date and verification code.

Customer and order	Brady Kennedy · GSA-2026-000072
Sample and report	072-01 · GLP-1 blind panel Certificate of Analysis
Report reference	GSA-COA-000072-07201-20261028-2
Certificate accession	GSA-2026-376228
Released and signed by	Ian Ebert, Laboratory Director
Date and time (UTC)	2026-10-29 20:31:36Z
Signature meaning	Approved for release. The signer reviewed this report and approved its release to its customer.
Approval reference	aceb4dc6-5d6f-4fd5-8aac-a0e81823c2b3
Electronic signature	Signed electronically in a signed-in GSA staff account.
Original report SHA-256	d32f4ea0bd2b59f173ce57d8f585c28049cc0427464828b038a044eff06520b3
Verify this certificate	https://goldstandardanalytics.com/coa/GSA-2026-376228



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Signature

A handwritten signature in black ink, appearing to read 'Ian Ebert', written in a cursive style.

Ian Ebert, Laboratory Director