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SAMPLE AND CLIENT

Client	Hughes Research	Report number	CL-26-00002
Sample as labelled	Retatrutide 10mg	Order reference	CO-26-00002
Batch or lot	RT-0926	Sample ID	S-26-00002
Label claim	10 mg	Order placed	15 September 2026
Analysis requested	GLP-1 analogue analysis	Received at lab	18 September 2026
		Analysis completed	23 September 2026
Description	Lyophilised powder, 3 ml vial, grey cap.		

SUMMARY OF RESULTS

COMPOUND IDENTIFIED	PURITY	CONTENT PER VIAL
Retatrutide	97.96 %	9.68 mg

RESULTS

PARAMETER	RESULT	UNIT	METHOD
Compound identified Observed 4731.4 Da, expected 4731.3 Da	Retatrutide		LC-MS (ESI+)
Purity	97.96	%	HPLC-UV, 214 nm, peak area
Content per vial 96.8% of the 10 mg label claim	9.68	mg	HPLC-UV against reference standard

AUTHORISATION

ANALYSED BY

Test Analyst
Analyst

Signed electronically

23 September 2026

REVIEWED AND APPROVED BY

Test Reviewer
Senior analyst

Approved electronically

24 September 2026

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REPORT NUMBER

CL-26-00002

VERIFICATION KEY

D5YX-SGY4-5VBNOnly trust results shown on clarionlaboratories.co.uk.

CHROMATOGRAM

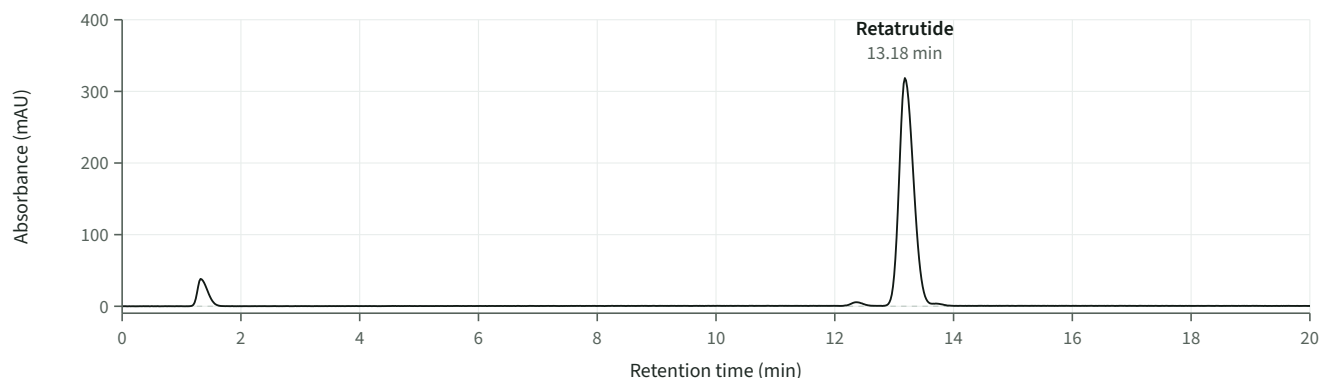


Figure 1. UV 214 nm chromatogram. Run RUN-260921-02, acquired 21 September 2026 at 12:05 UK time.

PEAK TABLE

PEAK	RT (min)	RRT	AREA (mAU·s)	HEIGHT (mAU)	AREA %
1	12.36	0.938	70.6	5.1	1.28
2 Retatrutide	13.18	1.000	5380.5	318.0	97.96
3	13.71	1.040	41.5	3.0	0.76
Total			5492.6		100.00

Main peak: peak 2 (Retatrutide). Purity by area normalisation: 97.96 %. RRT: retention time relative to the main peak. Peaks too small to resolve at the plot scale are integrated and listed above.

STATEMENTS

Results relate only to the sample as received, supplied by the client; details marked as labelled or as stated by client come from the client. For research use only; reproduce only in full. No specification was set for this sample, so results are reported as measured, not as a pass or fail. Raw instrument data and SHA-256 fingerprints retained. Verify any copy at clarionlaboratories.co.uk/verify.

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