

TEST REPORT



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RT10-20261013S3016C1

Sample Received: 2026-10-13

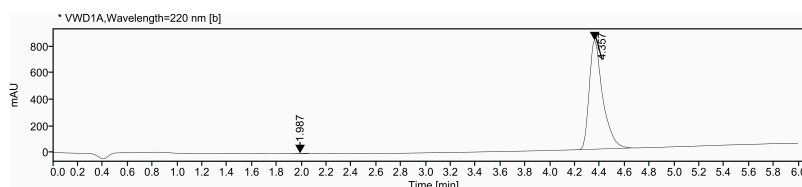
Authentication Code:

Analysis date: 2026-10-14



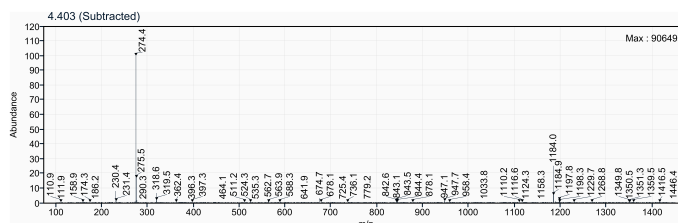
Compound	RT10/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Batch Number	RT202640		
Manufacturer	Lotus Biotech https://lbiopeptides.com/ info@lotusbio.cn		

HPLC-MS Details:



Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
1.987	MM m	0.1577	16.9955	2.0754	0.2751
4.357	MM m	0.4646	6161.0246	818.4931	99.7249
Sum			6178.0201		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.72%
Mass Spectrum	Conforms to [M+4H] ⁴⁺	Detected
Endotoxin (USP <85>)	< 1 EU/mg	0.174 EU/mg, PASS
Net Content	11.82 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It shall not be used for regulatory submissions, litigation evidence, or any other purpose requiring legally accredited documentation. The related products are intended for scientific research use only and have not been approved for human or veterinary use, diagnosis, treatment, or clinical application. Results should be interpreted by qualified professionals within the intended scope of research.

LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: RT10.dx

Sample name: RT10

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

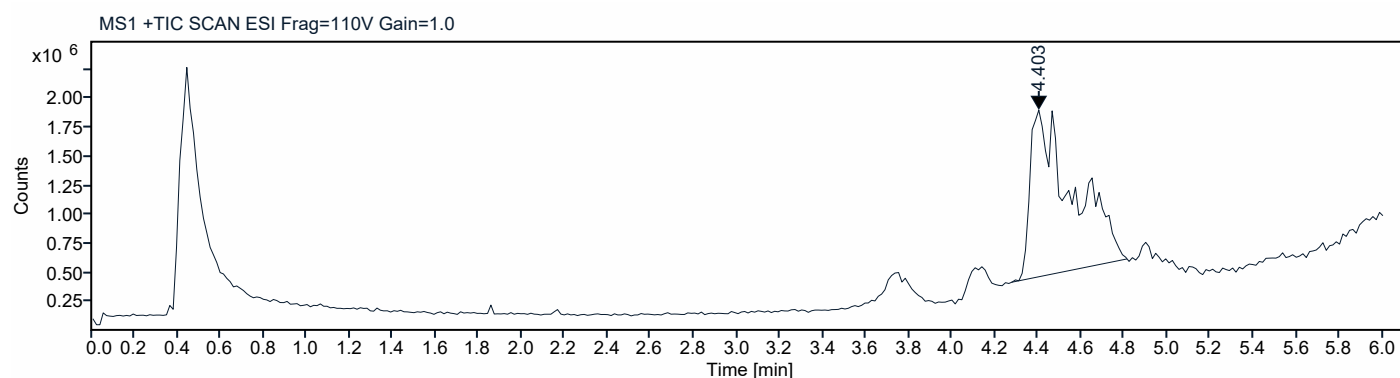
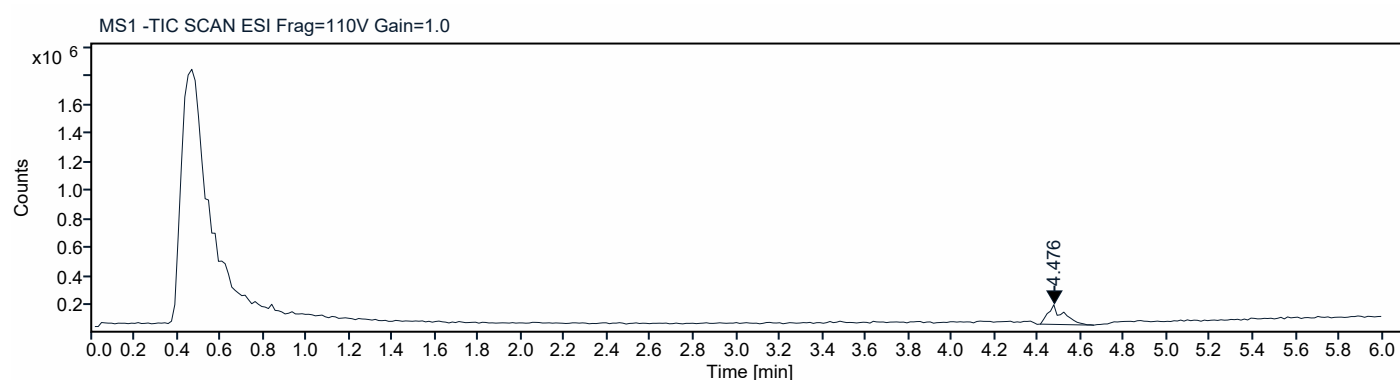
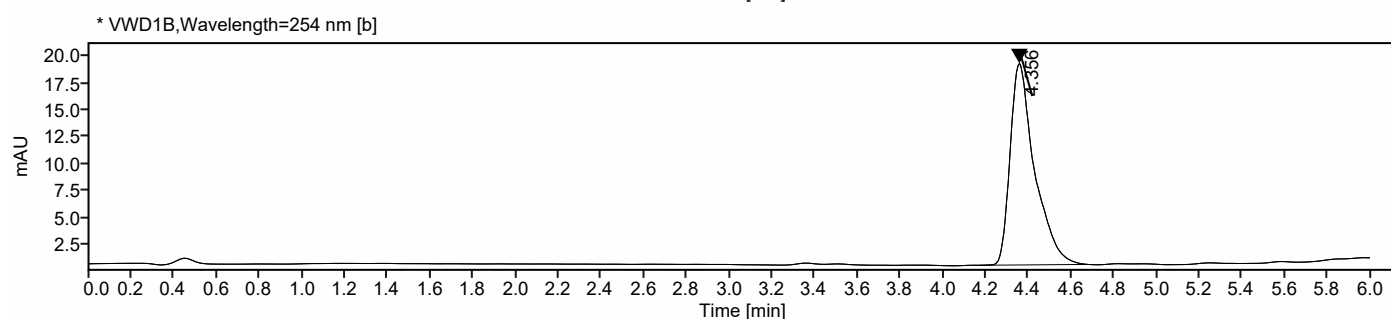
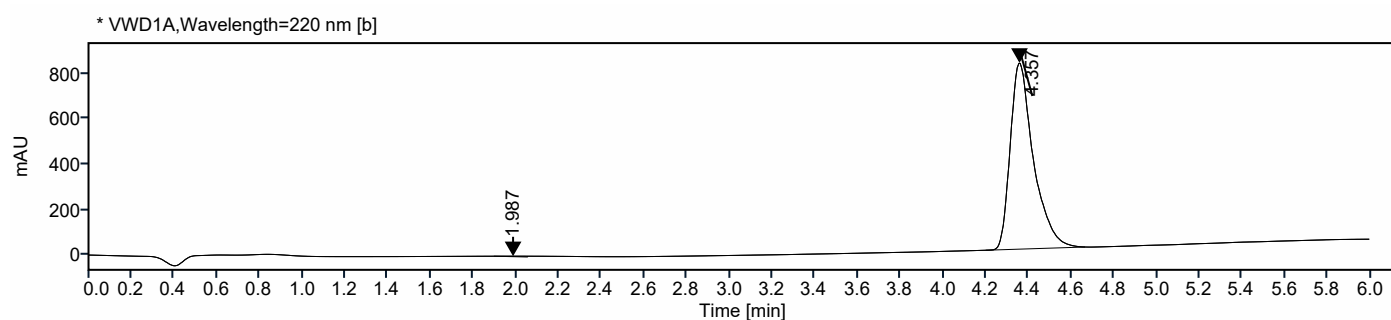
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-10-14 11:37:33+08:00

Location: P1-F7



Signal: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
4.403	MM m	0.5372	19313057.14 20	1434665.24 15	100.0000
Sum			19313057.14 20		

Signal: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
4.476	MB m	0.2506	689600.0003	137667.9770	100.0000
Sum			689600.0003		

Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
1.987	MM m	0.1577	16.9955	2.0754	0.2751
4.357	MM m	0.4646	6161.0246	818.4931	99.7249
Sum			6178.0201		

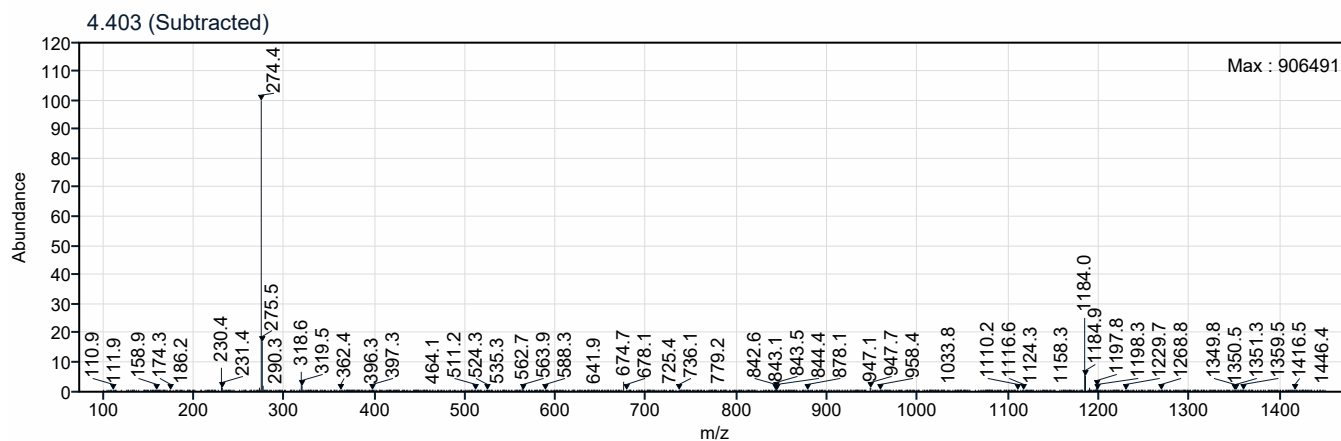
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.356	BM m	0.5052	149.0678	18.7792	100.0000
Sum			149.0678		

Peak Details (Area Percent at least 1%)

Signal Description: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 4.403 min **Area %:** 100.00%



Signal Description: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 4.476 min **Area %:** 100.00%

