

TEST REPORT



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SX10-20261013S3016

Sample Received: 2026-10-13

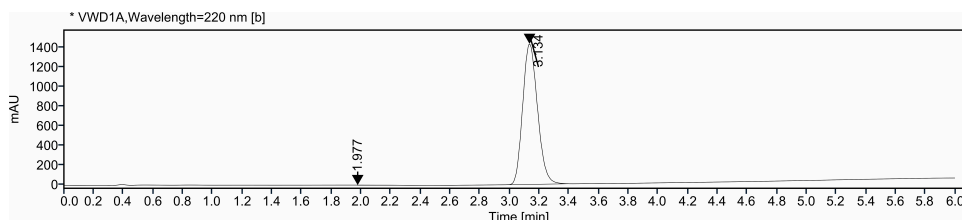
Authentication Code:

Analysis date: 2026-10-14



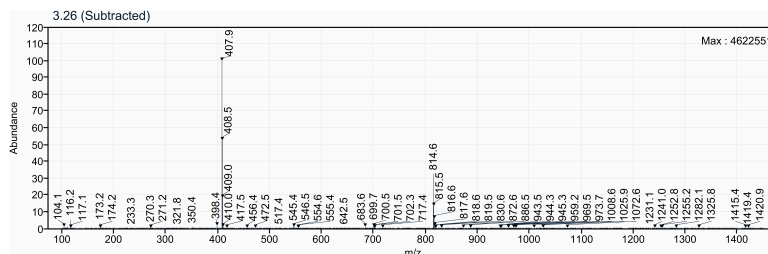
Compound	SX10/Semax	CAS Number	80714-61-0
Formula	C ₃₇ H ₅₁ N ₉ O ₁₀ S	Molecular Weight	813.9
Batch Number	XA202640		
Manufacturer	Yili Peptide https://yilipeptide.com/		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
1.977	MM m	0.2515	12.0140	1.3119	0.1209
3.134	BM m	0.4264	9926.2592	1431.3222	99.8791
Sum			9938.2733		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.87%
Mass Spectrum	Conforms to [M+2H] ²⁺ , [M+H] ⁺	Detected
Endotoxin (USP <85>)	< 1 EU/mg	0.149 EU/mg, PASS
Net Content	11.47 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: SX10.dx

Sample name: SX10

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

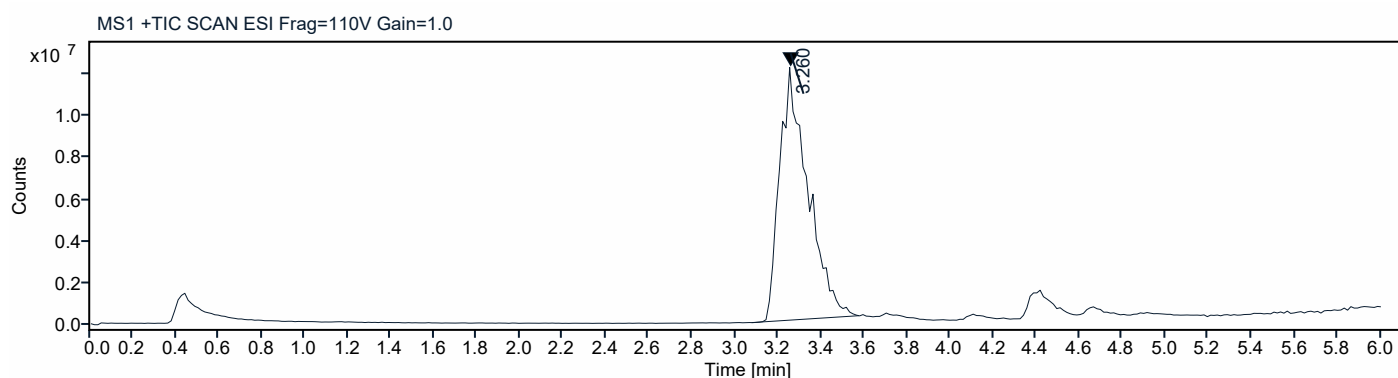
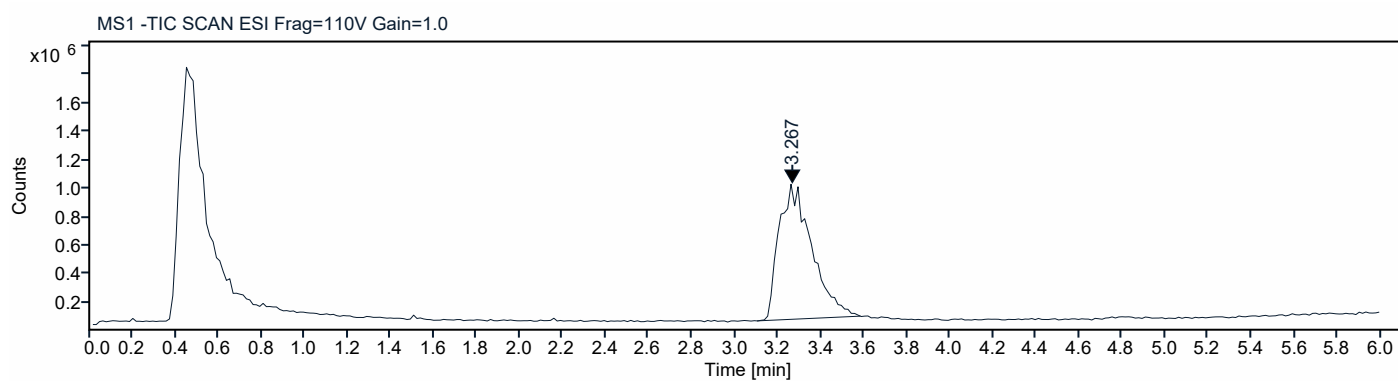
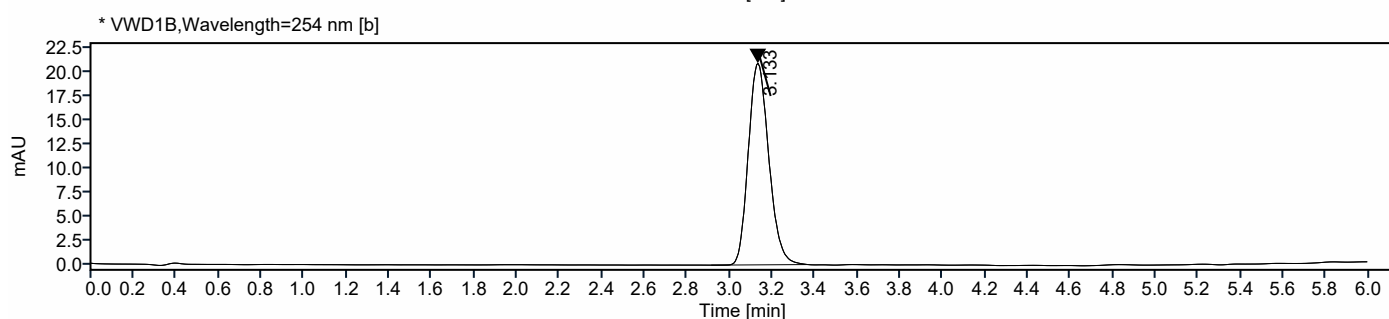
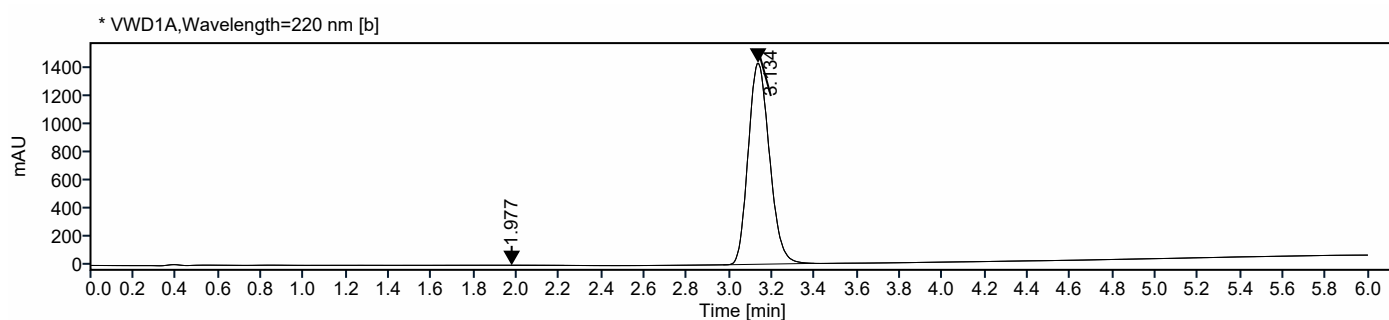
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-10-14 12:11:36+08:00

Location: P1-E1



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.260	MM m	0.4988	109429844.7 652	12094276.81 79	100.0000
Sum			109429844.7 652		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.267	MM m	0.4805	9997144.69 16	949391.2911	100.0000
Sum			9997144.69 16		

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

RT [min]	Type	Width [min]	Area	Height	Area%
1.977	MM m	0.2515	12.0140	1.3119	0.1209
3.134	BM m	0.4264	9926.2592	1431.3222	99.8791
Sum			9938.2733		

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

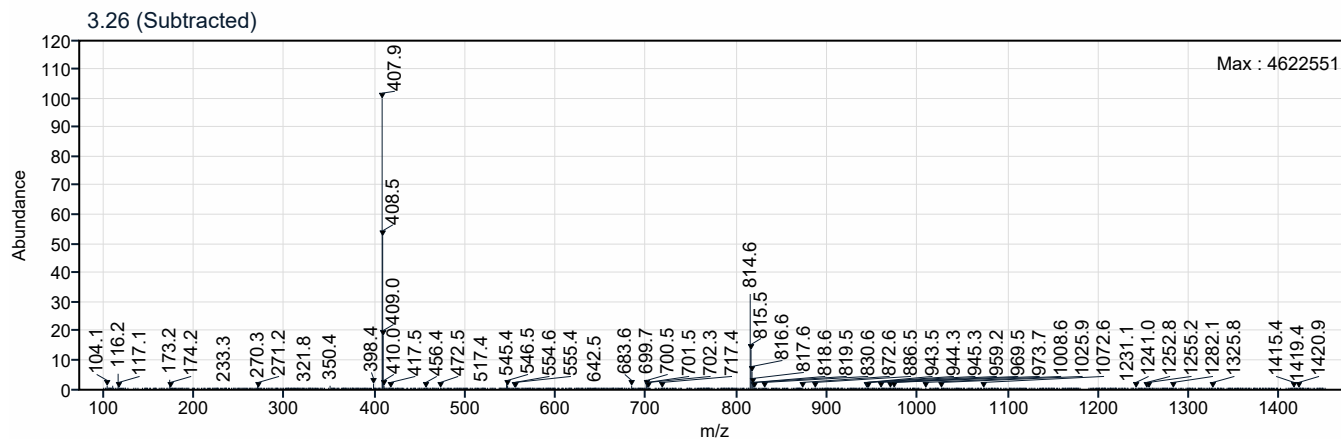
RT [min]	Type	Width [min]	Area	Height	Area%
3.133	BM m	0.4542	140.8343	21.0496	100.0000
Sum			140.8343		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.260 min

Area %: 100.00%



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

Peak RT: 3.267 min

Area %: 100.00%

