

E: contact@tjqxgd.comW: www.tjqxgd.com

TEST REPORT

SX10-20260823S0517

Sample Received: 2026-08-23

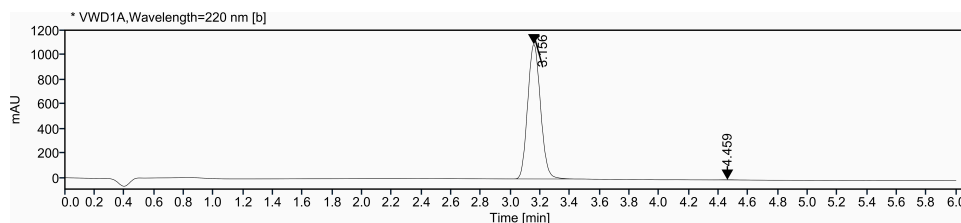
Authentication Code:

Analysis date: 2026-08-24



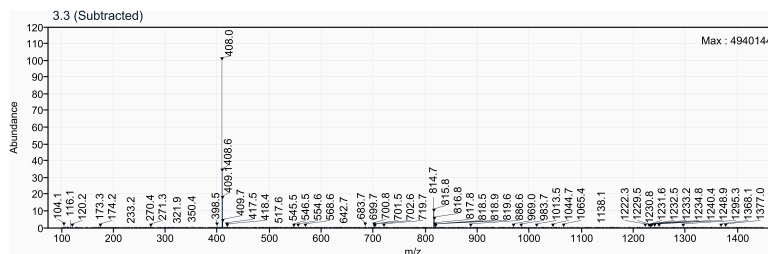
Compound	SX10/Semax	CAS Number	80714-61-0
Formula	C ₃₇ H ₅₁ N ₉ O ₁₀ S	Molecular Weight	813.9
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.156	MM m	0.4964	6548.9866	1091.9960	99.8339
4.459	MM m	0.2211	10.8956	1.7472	0.1661
Sum			6559.8822		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.83%
Mass Spectrum	Conforms to [M+2H] ²⁺ , [M+H] ⁺	Detected
Peptide Weight	10.12 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

重要声明 / Important Notice

本检测数据由第三方合作实验室提供, 本公司负责数据整理、审核与文件出具。本公司及合作检测方均不持有 CMA/CNAS 认证资质, 本文件不具有法定证明效力, 不得用于监管申报、诉讼举证或其他要求法定认证文件的用途。相关产品仅限科学研究用途, 不得用于人类或兽医用途、诊断、治疗或临床应用。

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

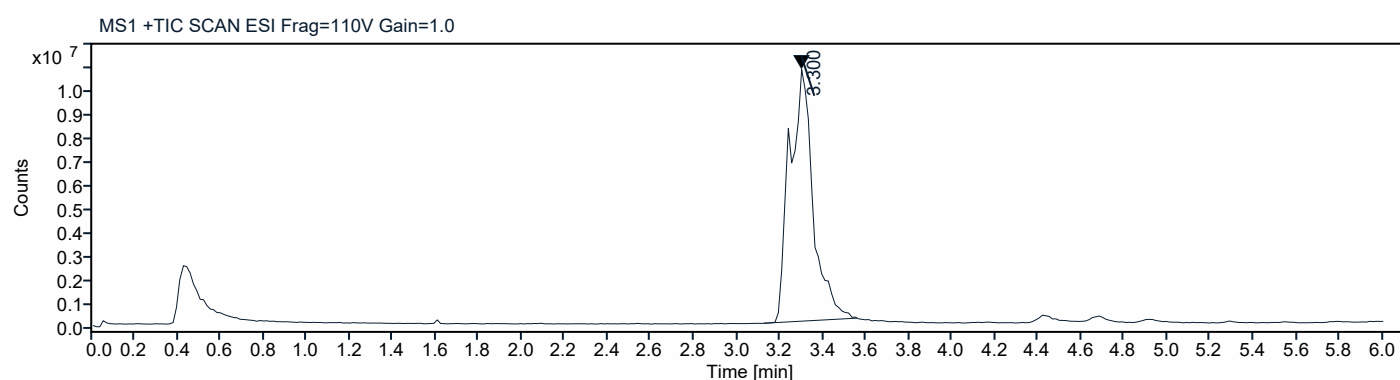
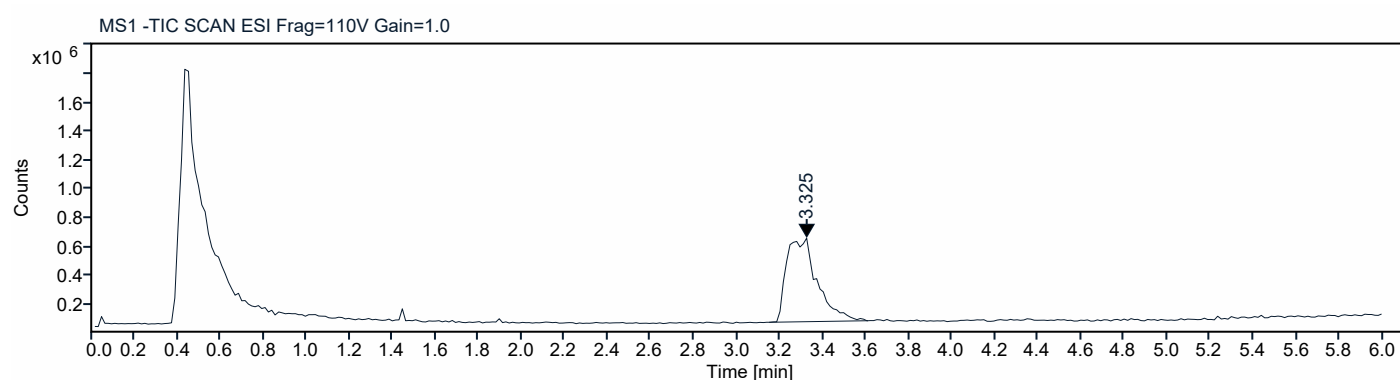
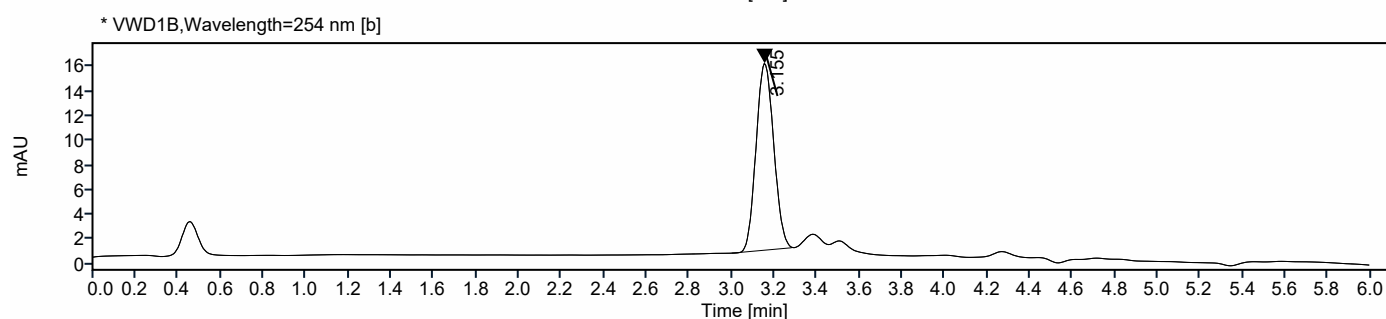
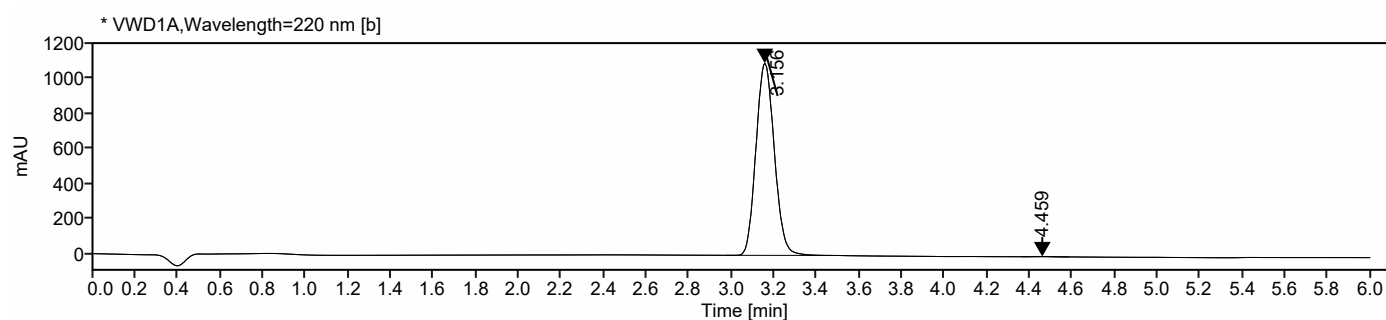
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-08-24 08:46:17+08:00

Location: P1-A1



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.300	MM m	0.4331	81640902.73 67	10695951.94 81	100.0000
Sum			81640902.73 67		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.325	MM m	0.4593	5736642.71 36	579053.8658	100.0000
Sum			5736642.71 36		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.156	MM m	0.4964	6548.9866	1091.9960	99.8339
4.459	MM m	0.2211	10.8956	1.7472	0.1661
Sum			6559.8822		

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

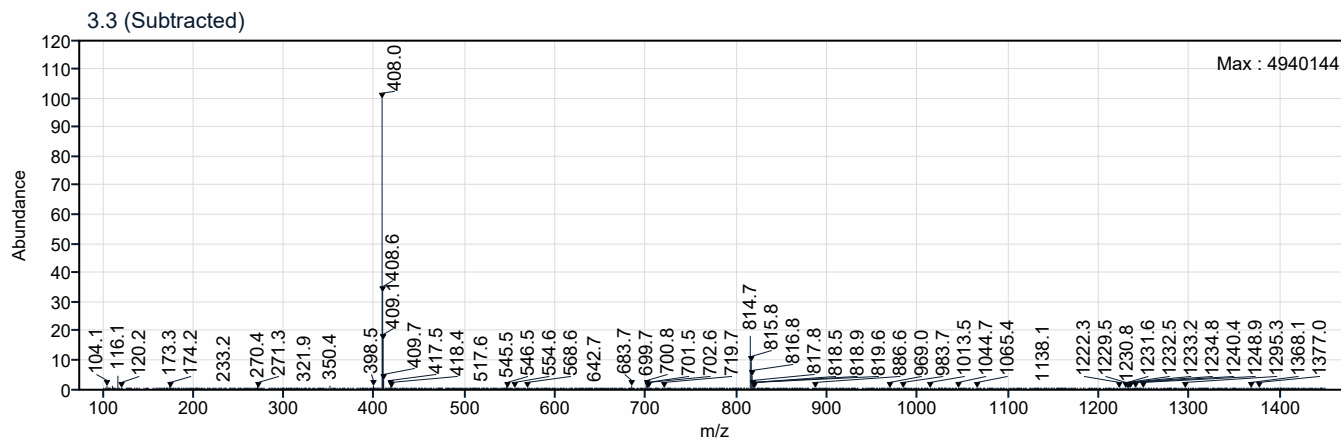
RT [min]	Type	Width [min]	Area	Height	Area%
3.155	MM m	0.2798	87.2536	15.1451	100.0000
Sum			87.2536		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.300 min

Area %: 100.00%



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

Peak RT: 3.325 min

Area %: 100.00%

