

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

TEST REPORT

CU100-20260901S8240

Sample Received: 2026-09-01

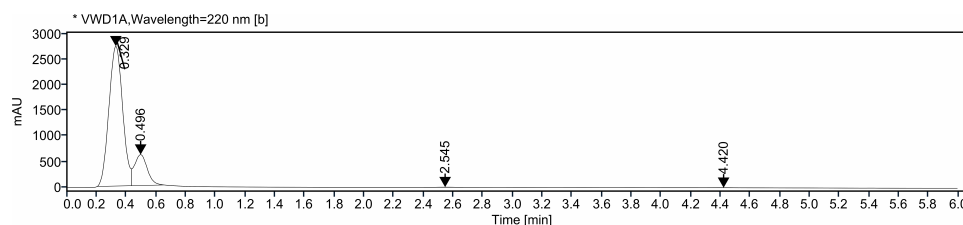
Authentication Code:

Analysis date: 2026-09-02



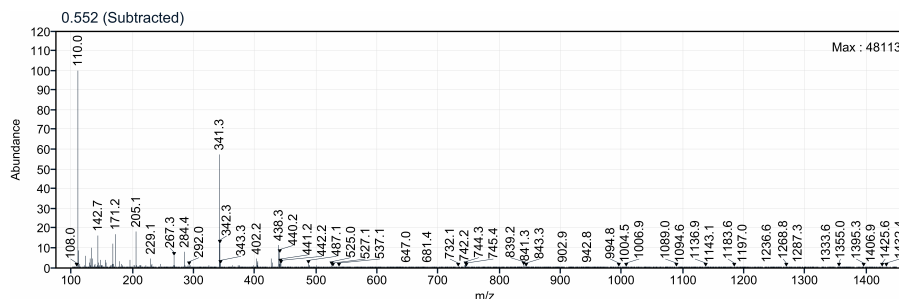
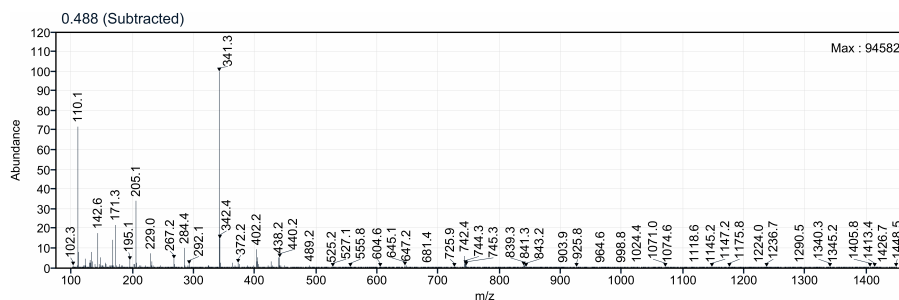
Compound	CU100/GHK-Cu	CAS Number	89030-95-5
Formula	C ₁₄ H ₂₃ CuN ₆ O ₄ ⁺	Molecular Weight	340.38(Free)
Manufacturer	Pepperation Station		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.329	MM m	0.2302	17545.8366	2735.3864	82.6382
0.496	MM m	0.2211	3658.1590	604.5826	17.2294
2.545	MM m	0.2663	19.7962	3.2402	0.0932
4.420	MM m	0.2121	8.3284	1.2858	0.0392
Sum			21232.1202		



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.



E: contact@tjqxgd.com

W: www.tjqxgd.com

TEST REPORT

Result:

Test Items	Specification	Results
Appearance	Blue powder	Blue powder
Purity (LCMS/HPLC)	≥ 99.0%	99.86%(Combination purity)
Mass Spectrum	Conforms to [M+H] ⁺	Detected
Peptides Weight	111.31 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: CU100.dx

Sample name: CU100

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

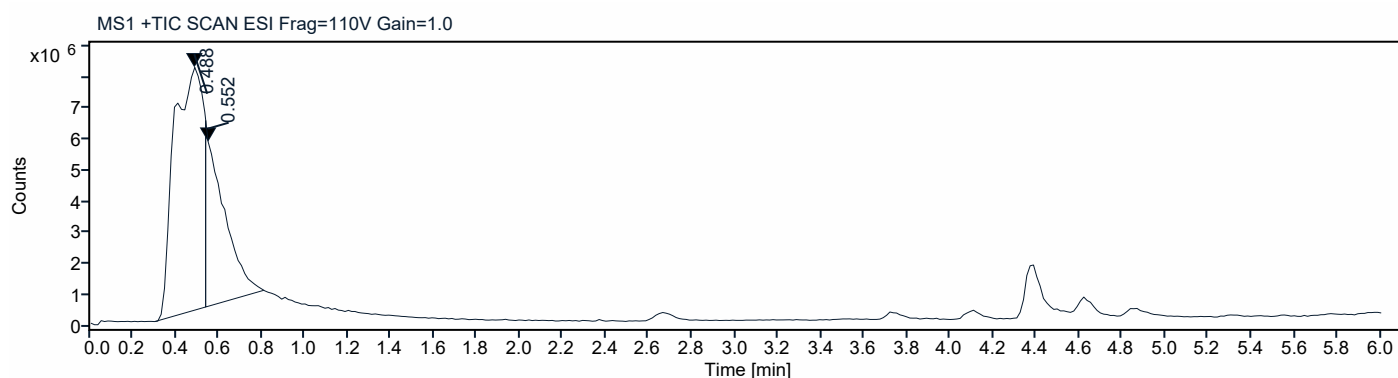
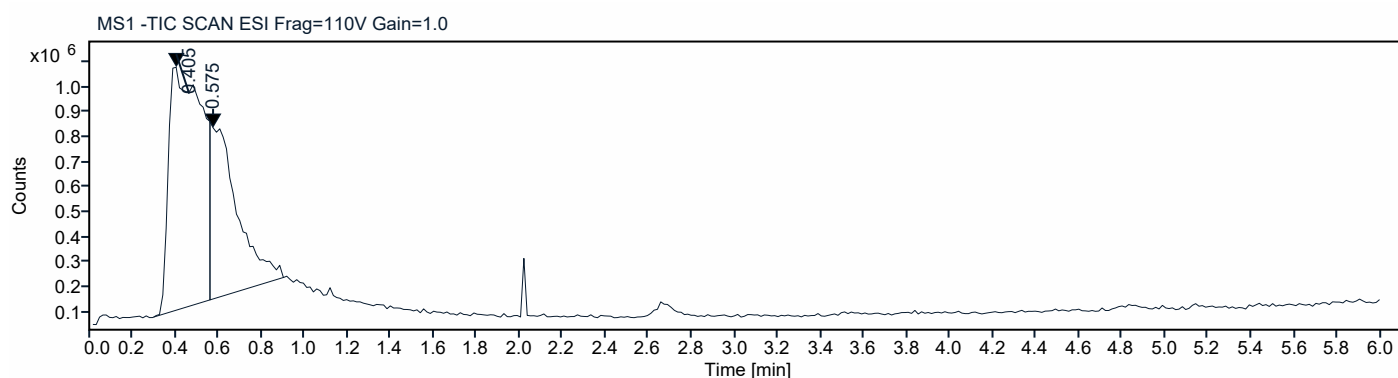
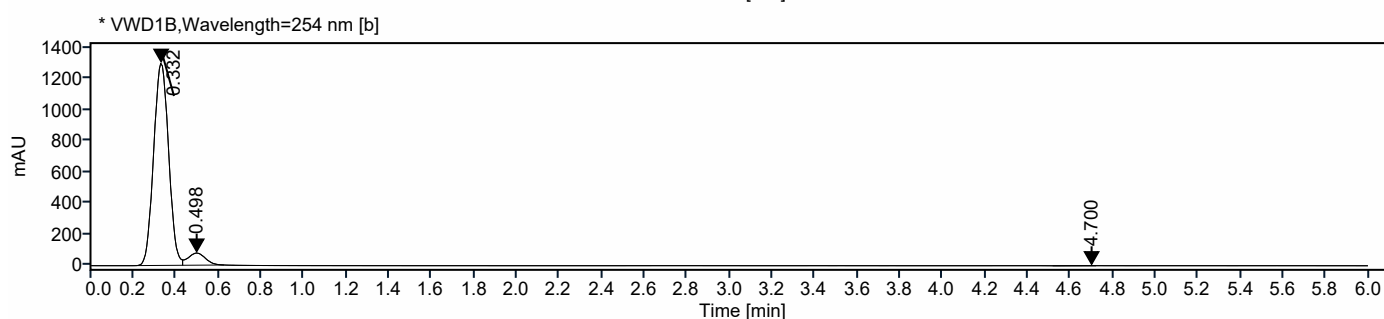
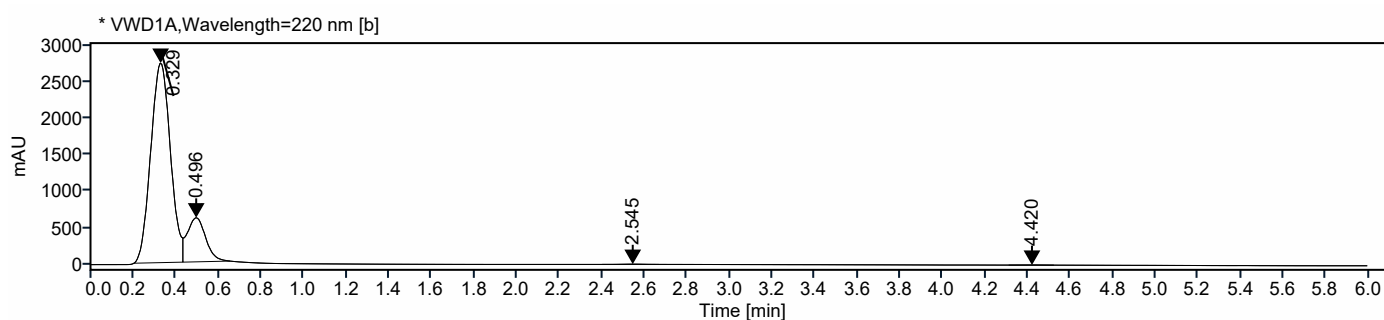
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-02 19:07:24+08:00

Location: P2-B4



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.488	MM m	0.2348	72082432.09 80	7801139.97 27	68.2527
0.552	MM m	0.2709	33528744.47 40	5285267.87 54	31.7473
Sum			105611176.5 720		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.405	MM m	0.2612	10298195.81 63	973317.8564	63.2496
0.575	MM m	0.3422	5983634.83 28	685477.9849	36.7504
Sum			16281830.64 92		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.329	MM m	0.2302	17545.8366	2735.3864	82.6382
0.496	MM m	0.2211	3658.1590	604.5826	17.2294
2.545	MM m	0.2663	19.7962	3.2402	0.0932
4.420	MM m	0.2121	8.3284	1.2858	0.0392
Sum			21232.1202		

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

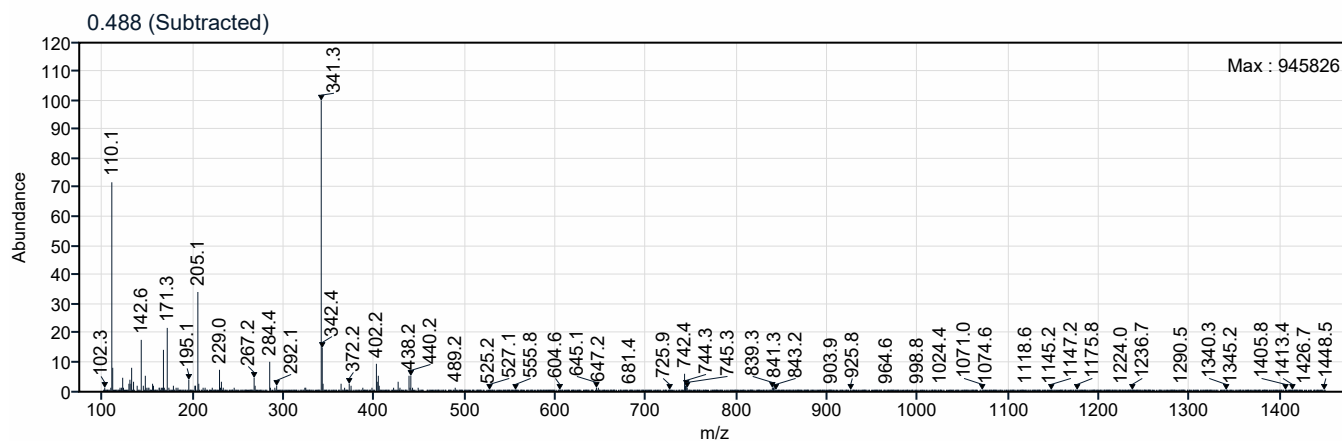
RT [min]	Type	Width [min]	Area	Height	Area%
0.332	MM m	0.2166	6325.2567	1296.5860	93.3790
0.498	MM m	0.1941	445.1542	77.8505	6.5718
4.700	MM m	0.2031	3.3351	0.4712	0.0492
Sum			6773.7460		

Peak Details (Area Percent at least 1%)

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

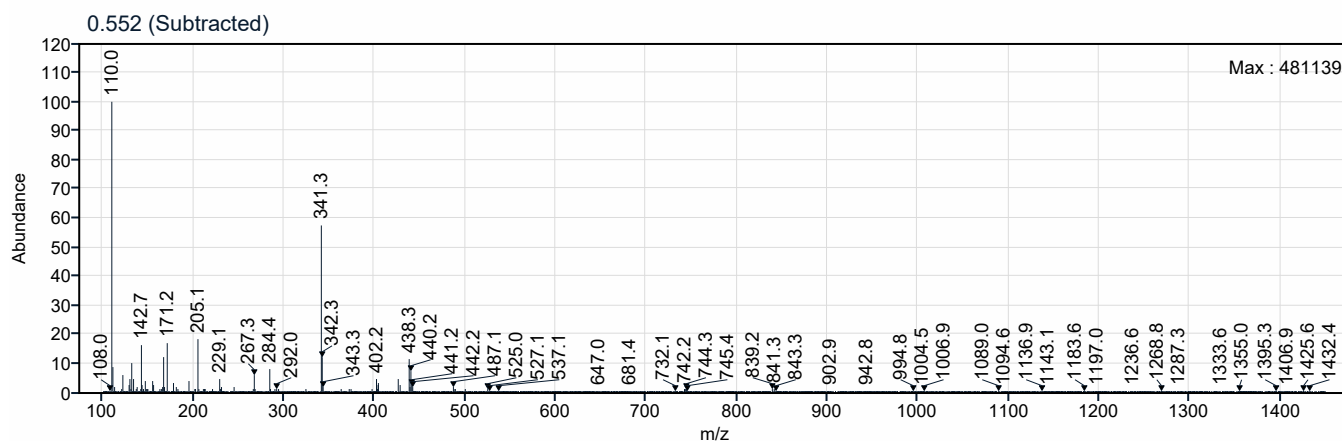
Peak RT: 0.488 min

Area %: 68.25%



Peak RT: 0.552 min

Area %: 31.75%



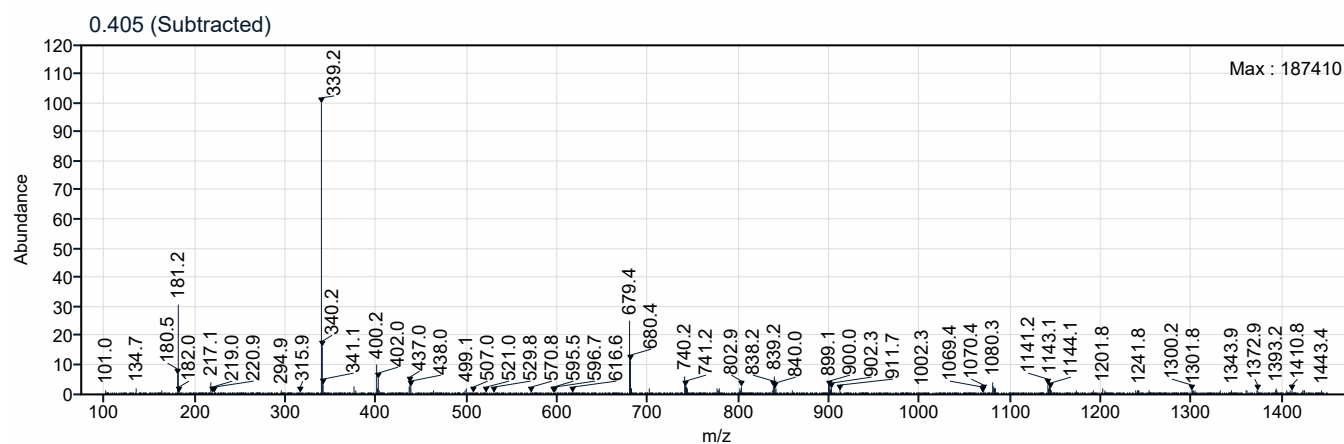
LCMS Sample Purity - Detailed Report



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

Peak RT: 0.405 min

Area %: 63.25%



Peak RT: 0.575 min

Area %: 36.75%

