

TEST REPORT



E: contact@tjxgd.com

W: www.tjxgd.com

CU50-20261013S3016

Sample Received: 2026-10-13

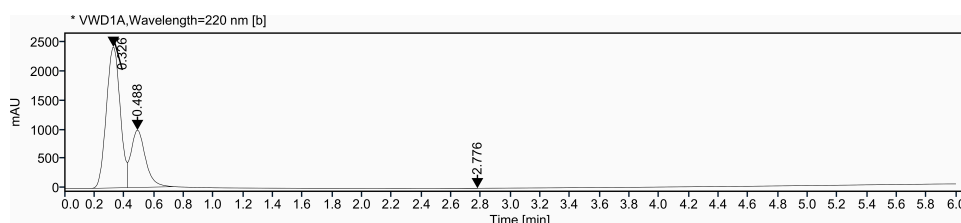
Authentication Code:

Analysis date: 2026-10-14



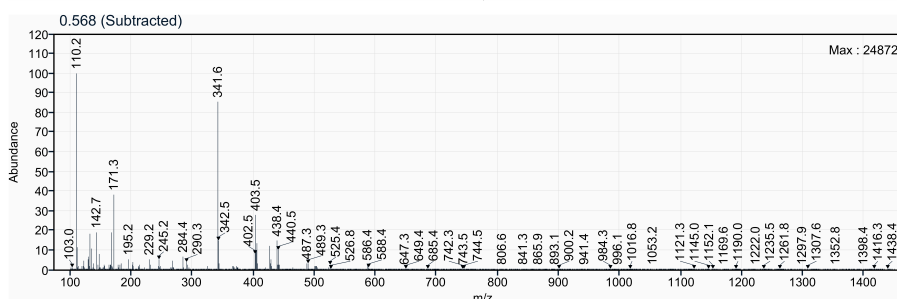
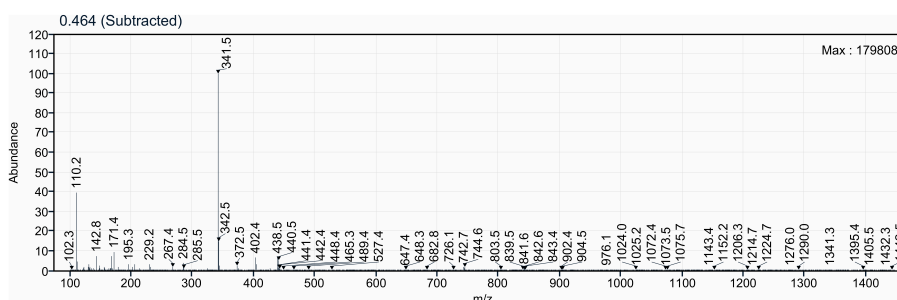
Compound	CU50/GHK-Cu	CAS Number	89030-95-5
Formula	C ₁₄ H ₂₃ CuN ₆ O ₄ ⁺	Molecular Weight	340.38(Free)
Batch Number	CU202639		
Manufacturer	Yili Peptide https://yilipeptide.com/		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.326	MM m	0.2430	15571.2128	2422.4467	69.9040
0.488	MM m	0.3154	6683.2915	984.9425	30.0034
2.776	MM m	0.2515	20.6325	2.7819	0.0926
Sum			22275.1368		



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.

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Result:

Test Items	Specification	Results
Appearance	Blue powder	Blue powder
Purity (LCMS/HPLC)	$\geq 99.0\%$	99.90%(Combination purity)
Mass Spectrum	Conforms to $[M+H]^+$	Detected
Endotoxin (USP <85>)	< 1 EU/mg	0.229 EU/mg, PASS
Net Content	56.47 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

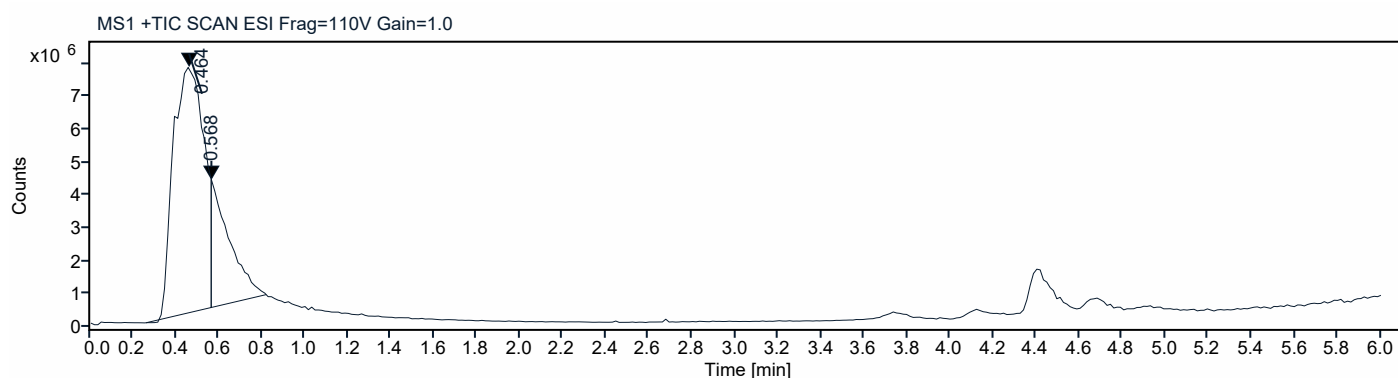
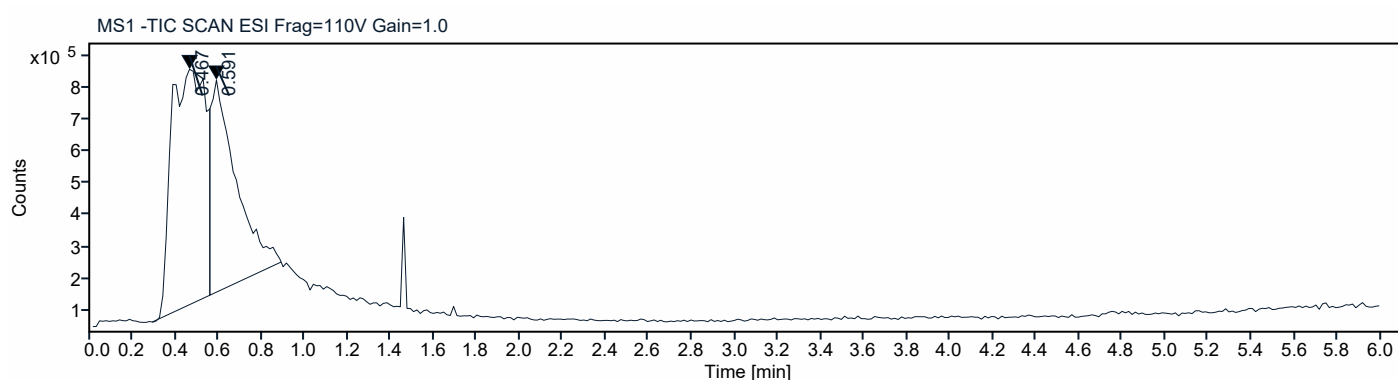
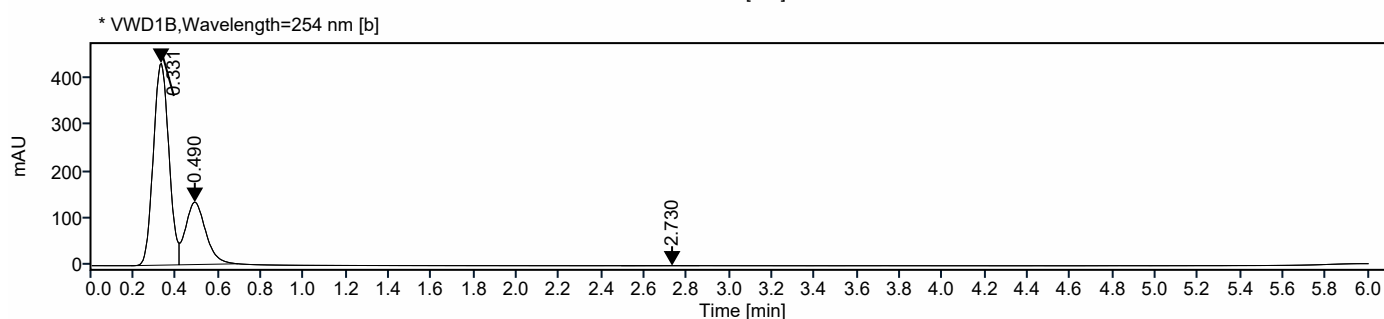
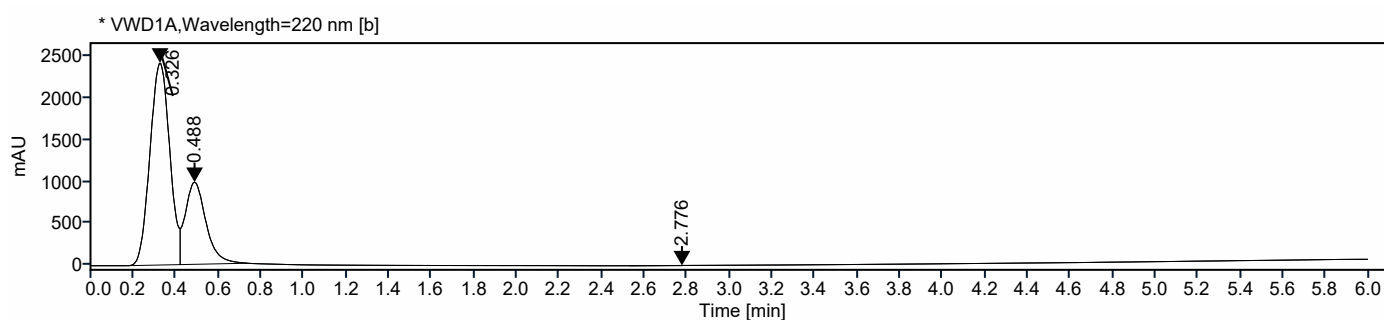
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LCMS Sample Purity - Detailed Report



Result set name: SingleSample
Data file: CU50.dx
Sample name: CU50
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 10:40:47+08:00
Location: P1-F6



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.464	MM m	0.3027	73673450.00 36	7490125.81 46	76.5365
0.568	MM m	0.2558	22585801.38 58	3887547.75 34	23.4635
Sum			96259251.38	94	

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.467	MM m	0.2679	8063789.72 79	739788.2650	59.8946
0.591	MM m	0.3317	5399507.72 15	667515.2741	40.1054
Sum			13463297.44	94	

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.326	MM m	0.2430	15571.2128	2422.4467	69.9040
0.488	MM m	0.3154	6683.2915	984.9425	30.0034
2.776	MM m	0.2515	20.6325	2.7819	0.0926
Sum			22275.1368		

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

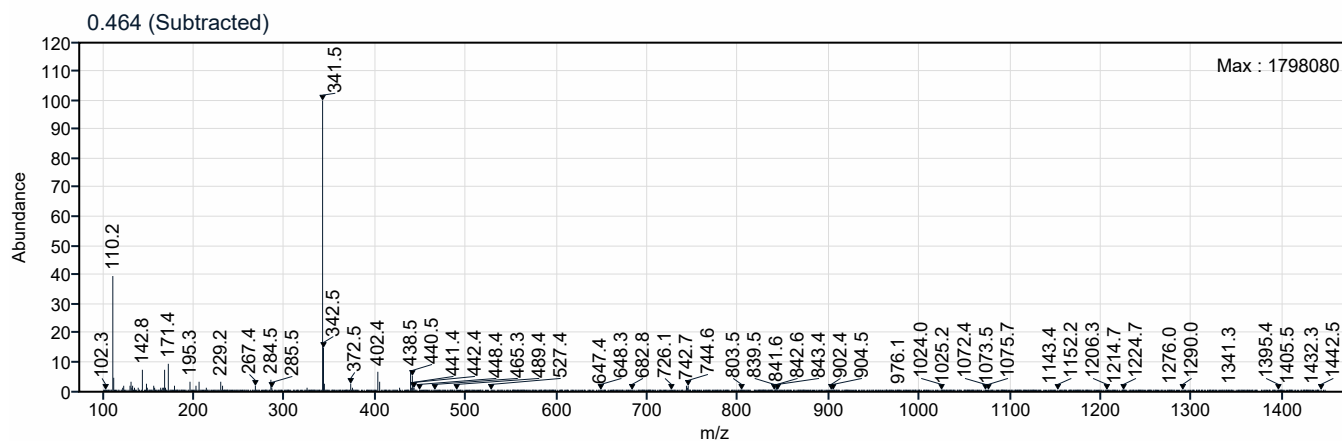
RT [min]	Type	Width [min]	Area	Height	Area%
0.331	MM m	0.2259	2175.4563	430.5867	71.1514
0.490	MM m	0.2771	881.1390	132.9104	28.8189
2.730	MM m	0.3666	0.9095	0.0751	0.0297
Sum			3057.5047		

Peak Details (Area Percent at least 1%)

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

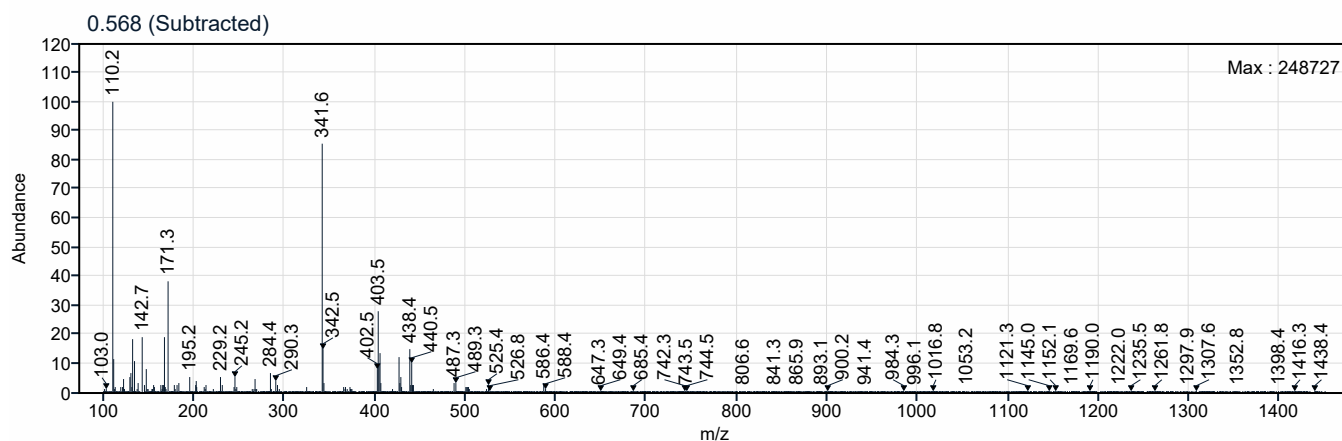
Peak RT: 0.464 min

Area %: 76.54%



Peak RT: 0.568 min

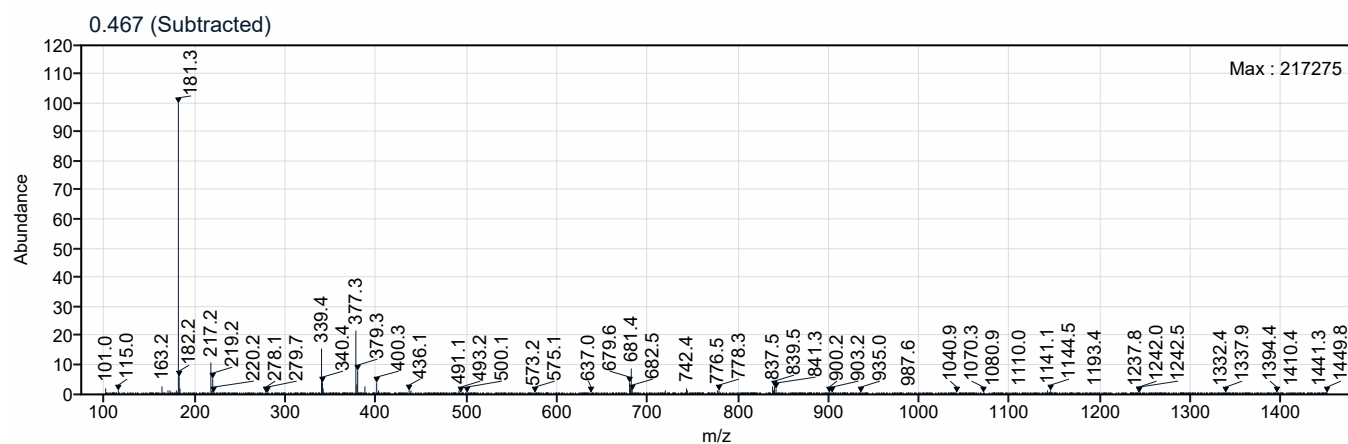
Area %: 23.46%



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

Peak RT: 0.467 min

Area %: 59.89%



Peak RT: 0.591 min

Area %: 40.11%

