TEST REPORT

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

CU50-20260928S7783

Sample Received: 2026-09-28

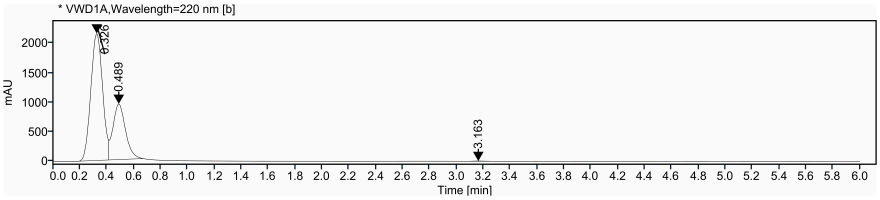
Authentication Code:

Analysis date: 2026-09-28



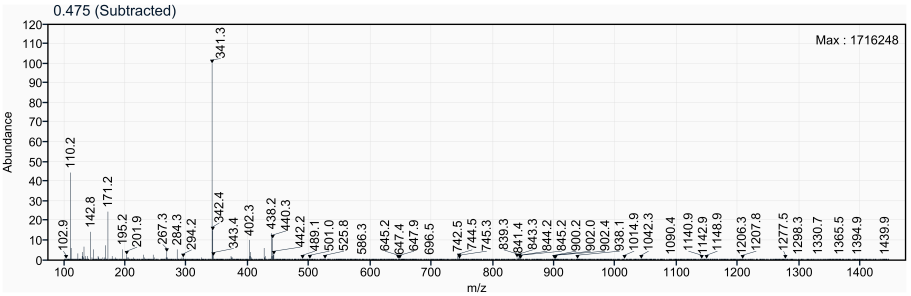
Compound	CU50/GHK-Cu	CAS Number	89030-95-5
Formula	$C_{14}H_{23}CuN_6O_4^+$	Molecular Weight	340.38(Free)
Batch Number	BD-CU50-1026 for GHK-Cu		
Manufacturer	BODI Research		

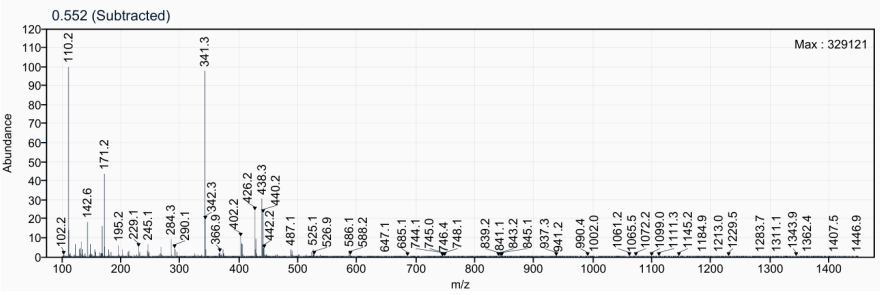
HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.326	MM m	0.2211	12974.3766	2152.3397	67.5549
0.489	MM m	0.2572	6204.8859	943.9147	32.3076
3.163	MM m	0.2121	26.4212	4.5114	0.1376
		Sum	**19205.6838**		





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Result:

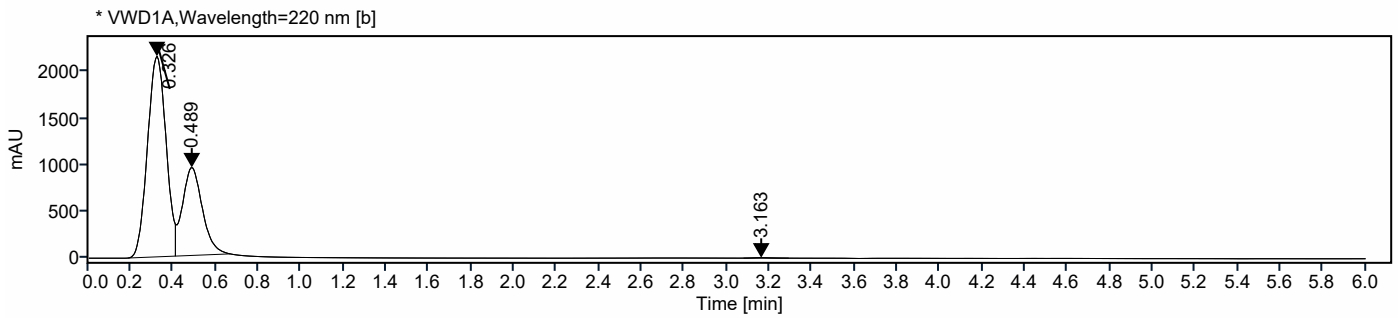
Test Items	Specification	Results
Appearance	Blue powder	Blue powder
Purity (LCMS/HPLC)	≥ 99.0%	99.86%(Combination purity)
Mass Spectrum	Conforms to $[M+H]^+$	Detected
Endotoxin	1.779 EU/Vial	
Net Content	46.94 mg	

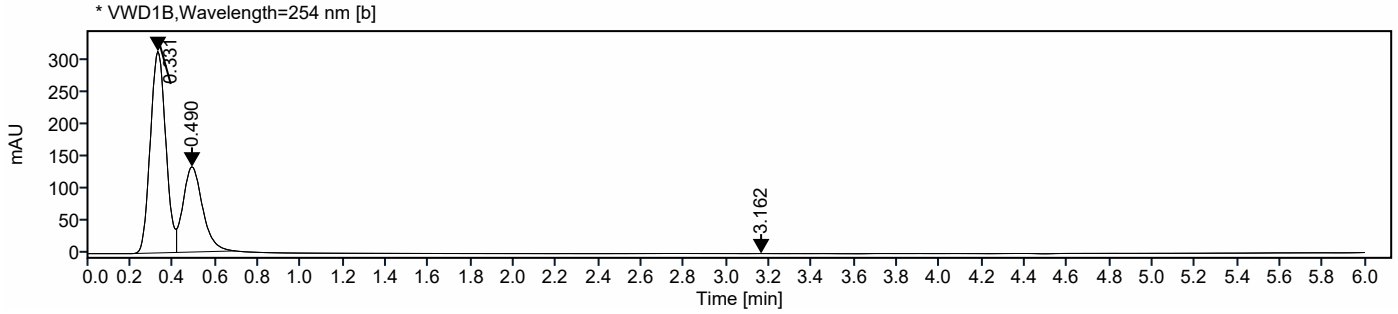
Peng Gao, Data Compilation Zhibo Li, Technical Review

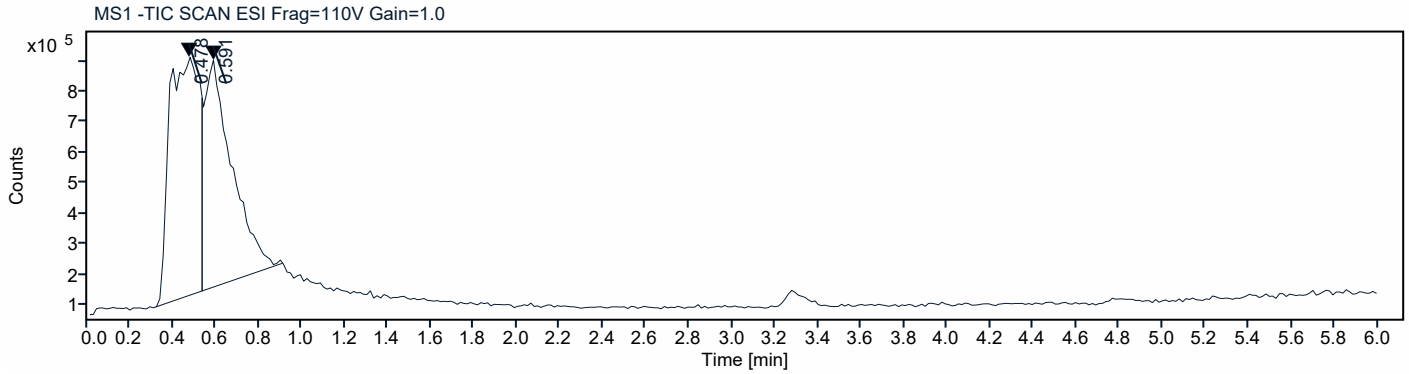
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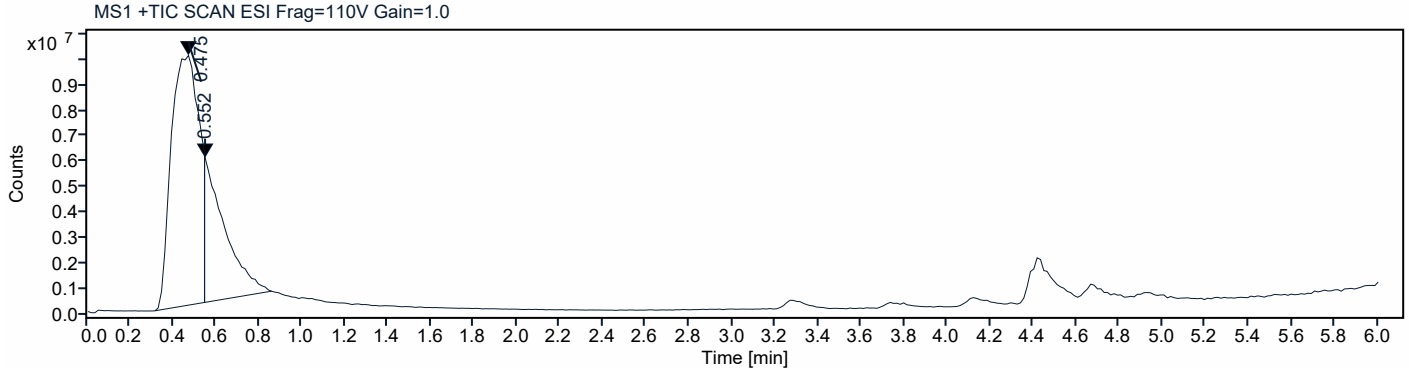
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	CU50.dx	**Project name:**	2026
Sample name:	CU50	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-28 17:29:21+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F5
Acq. method:	LCMS-02AB.amx		
Processing method:	LCMS-LJJ.pmx		









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

RT [min]	Type	Width [min]	Area	Height	Area%
0.475	MM m	0.2302	88156240.1102	9803860.9603	70.5209
0.552	MM m	0.3115	36851050.1618	5671963.2147	29.4791
		Sum	**125007290.2720**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.478	MM m	0.2161	7416915.1833	781776.0843	52.6637
0.591	MM m	0.3737	6666621.2553	744639.5259	47.3363
		Sum	**14083536.4386**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.326	MM m	0.2211	12974.3766	2152.3397	67.5549
0.489	MM m	0.2572	6204.8859	943.9147	32.3076
3.163	MM m	0.2121	26.4212	4.5114	0.1376
		Sum	**19205.6838**		

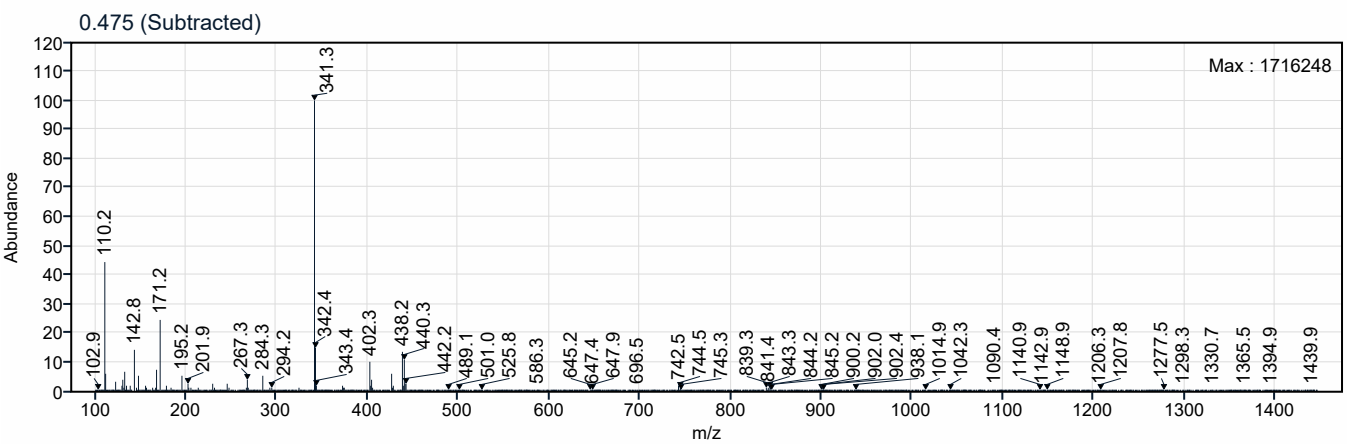
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
0.331	MM m	0.2166	1568.3763	311.4300	65.0886
0.490	MM m	0.2753	840.6047	131.6841	34.8856
3.162	MM m	0.2392	0.6211	0.1084	0.0258
		Sum	**2409.6021**		

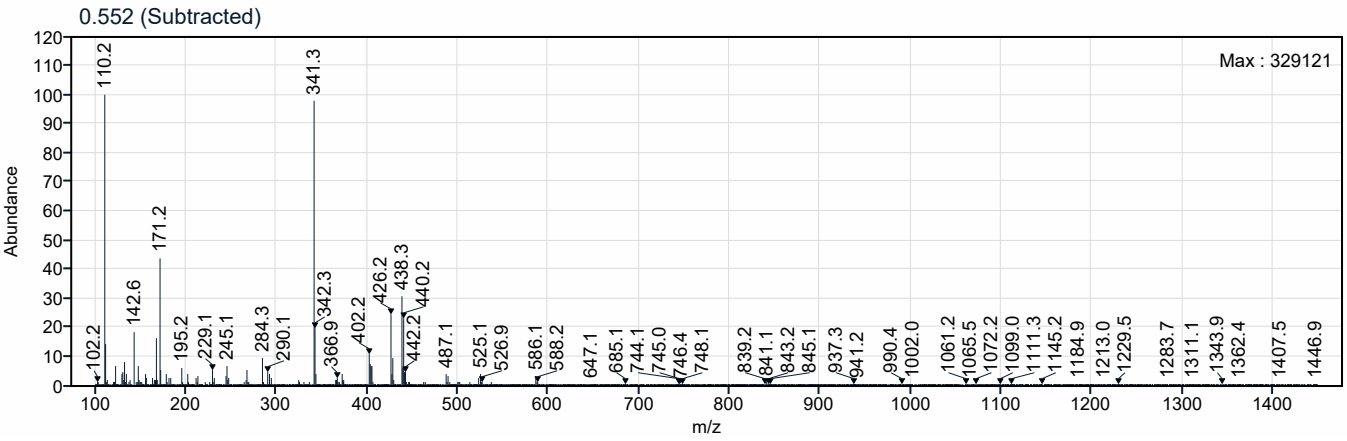
Peak Details (Area Percent at least 1%)

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

Peak RT: 0.475 min **Area %:** 70.52%

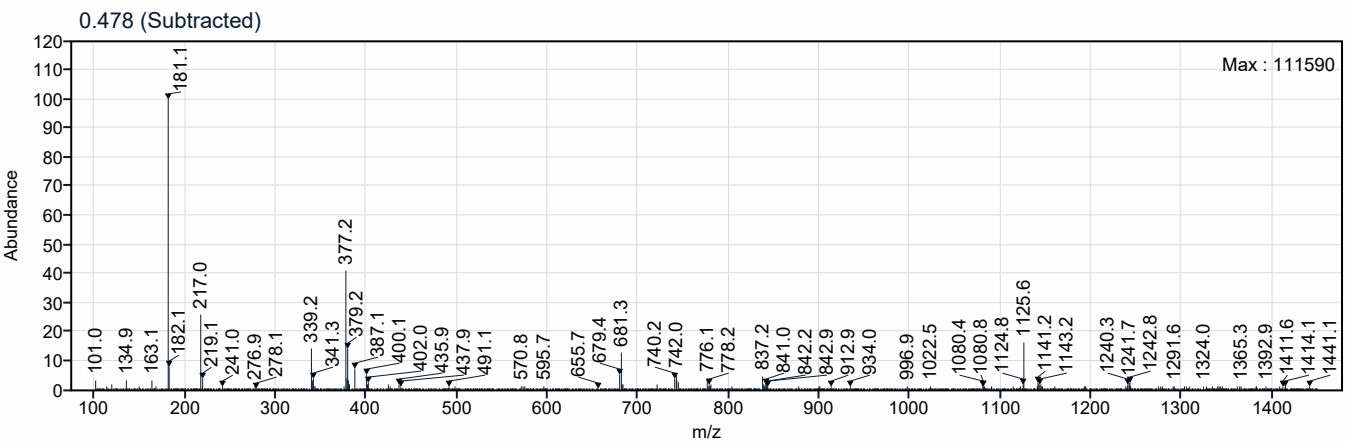


Peak RT: 0.552 min **Area %:** 29.48%



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

Peak RT: 0.478 min **Area %:** 52.66%



Peak RT: 0.591 min **Area %:** 47.34%

