TEST REPORT

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

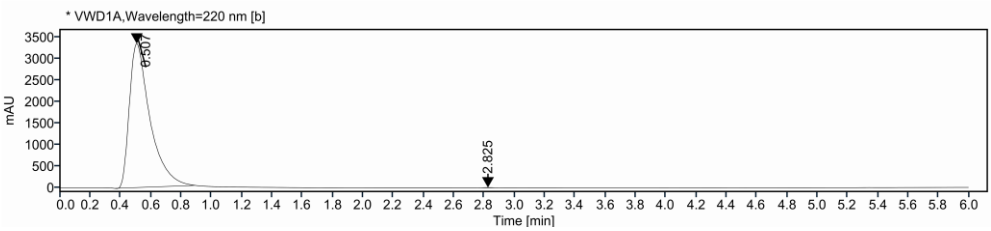
5AM50-20260730S2465

Sample Received: 2026-07-29

Analysis date: 2026-07-30

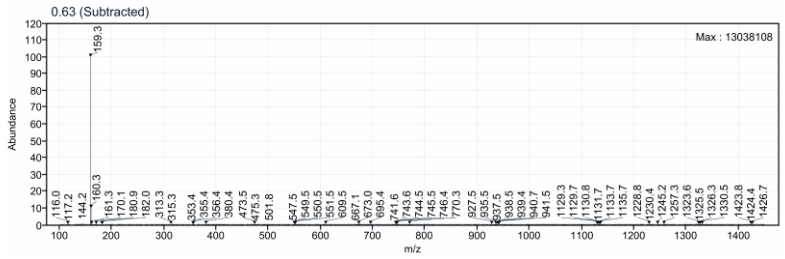
Compound	5AM50/5-amino-1MQ	CAS Number	42464-96-0
Formula	$C_{10}H_{11}IN_2$	Molecular Weight	286.11/159.09 (Free)

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.507	MM m	0.5325	31441.4862	3334.2446	99.9318
2.825	MM m	0.0993	21.4547	6.0386	0.0682
		Sum	**31462.9410**		



Result:

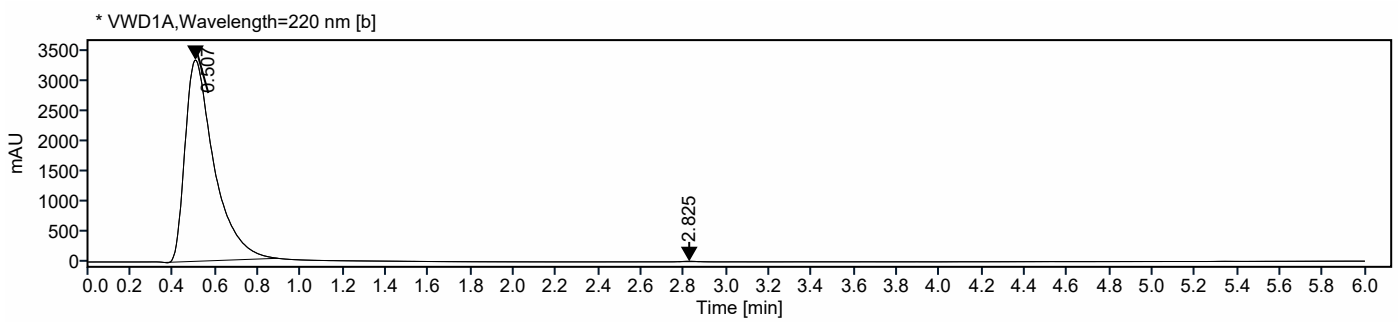
Test Items	Specification	Results
Appearance	Reddish orange powder	Reddish orange powder
Purity (LCMS/HPLC)	≥ 99.0%	99.93%
Mass Spectrum	Conforms to $[M]^+$	Detected
Peptide Weight	51.26 mg	

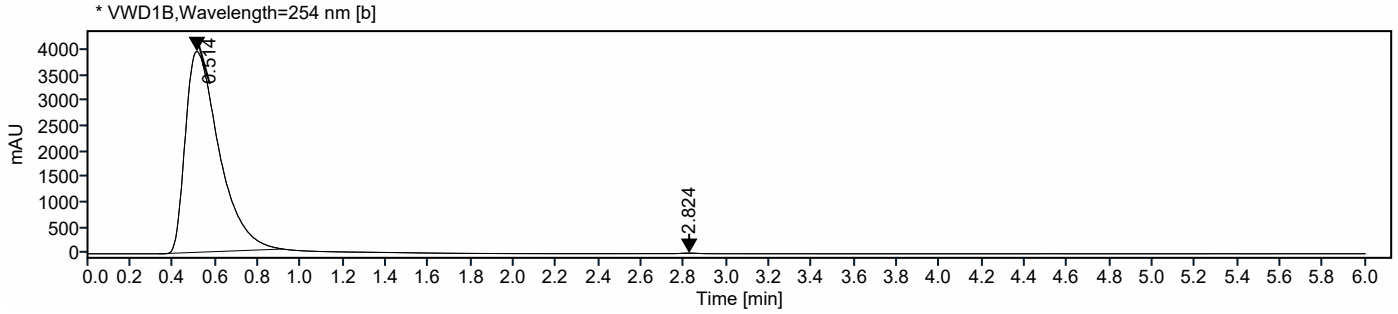
Peng Gao, Data Compilation Zhibo Li, Technical Review

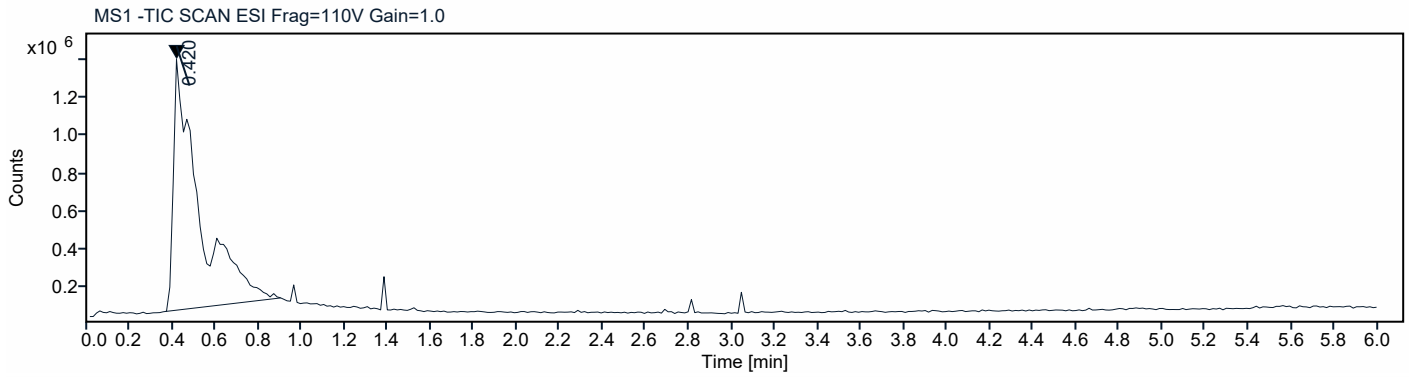
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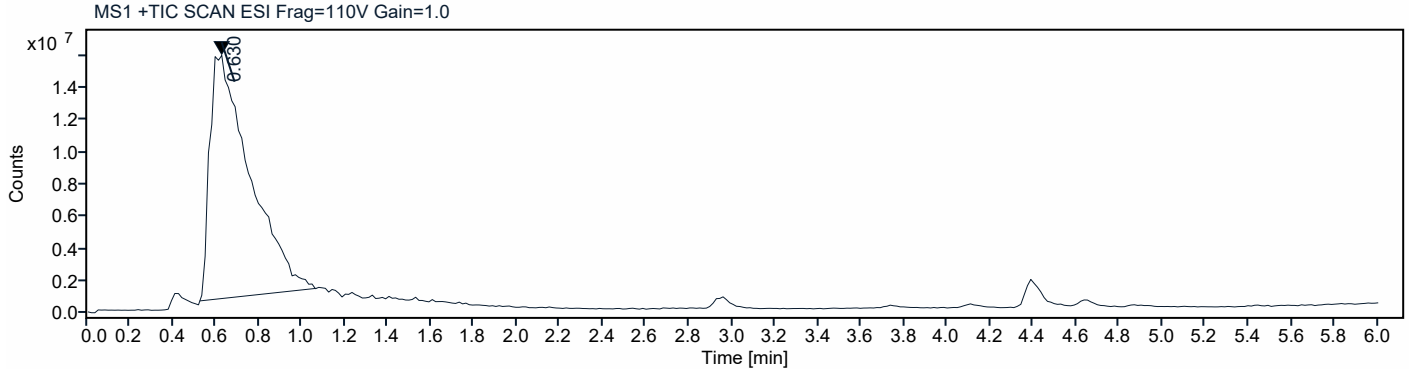
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	5AM.dx	**Project name:**	2026
Sample name:	5AM	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-07-30 18:39:10+08:00
Inj. volume:	5.000 µL	**Location:**	P2-C5
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%
0.630	MM m	0.5418	195431778.7962	15069138.2223	100.0000
		Sum	**195431778.7962**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.420	MM m	0.5359	10819754.8444	1321154.0139	100.0000
		Sum	**10819754.8444**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.507	MM m	0.5325	31441.4862	3334.2446	99.9318
2.825	MM m	0.0993	21.4547	6.0386	0.0682
		Sum	**31462.9410**		

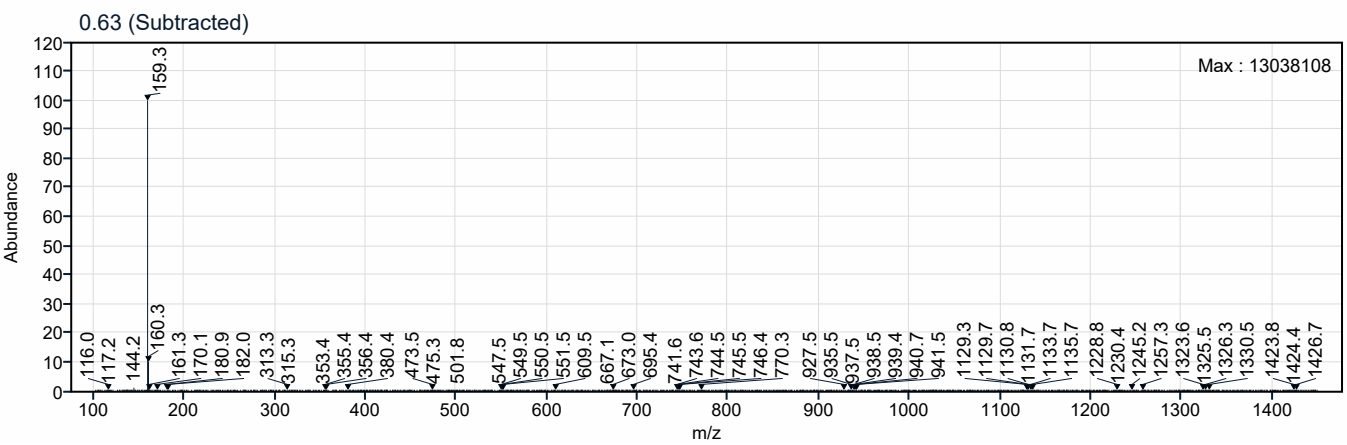
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
0.514	MM m	0.5828	43378.7919	3953.8536	99.9533
2.824	MM m	0.0904	20.2525	6.1390	0.0467
		Sum	**43399.0444**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 0.630 min **Area %:** 100.00%



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

Peak RT: 0.420 min **Area %:** 100.00%

