TEST REPORT

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

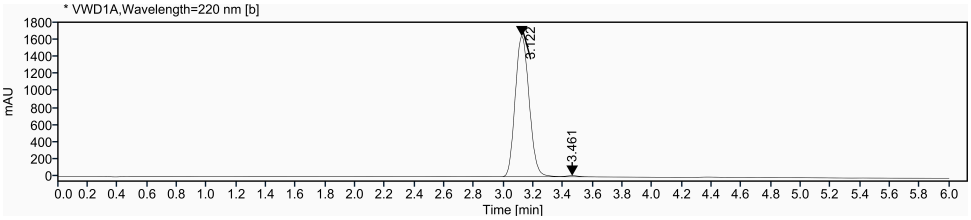
SX10-20260824S5284 — **Sample Received: 2026-08-24**

Authentication Code: — **Analysis date: 2026-08-24**



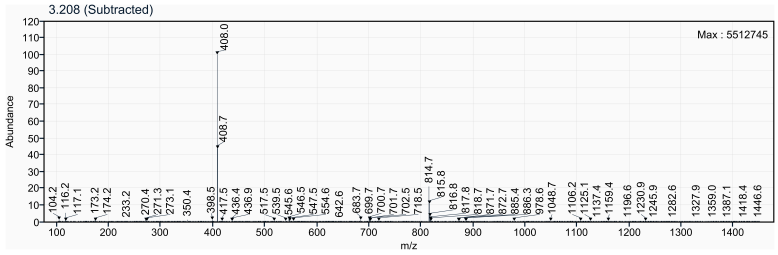
Compound	SX10/Semax	CAS Number	80714-61-0
Formula	$C_{37}H_{51}N_9O_{10}S$	Molecular Weight	813.9
Manufacturer	Peptides Stone Ltd.		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.122	MM m	0.3881	10703.0108	1640.8101	99.2298
3.461	MM m	0.2347	83.0705	13.0759	0.7702
		Sum	**10786.0813**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.22%
Mass Spectrum	Conforms to $[M+2H]^{2+}$, $[M+H]^{+}$	Detected
Peptide Weight	10.16 mg	

Peng Gao, Data Compilation — Zhibo Li, Technical Review

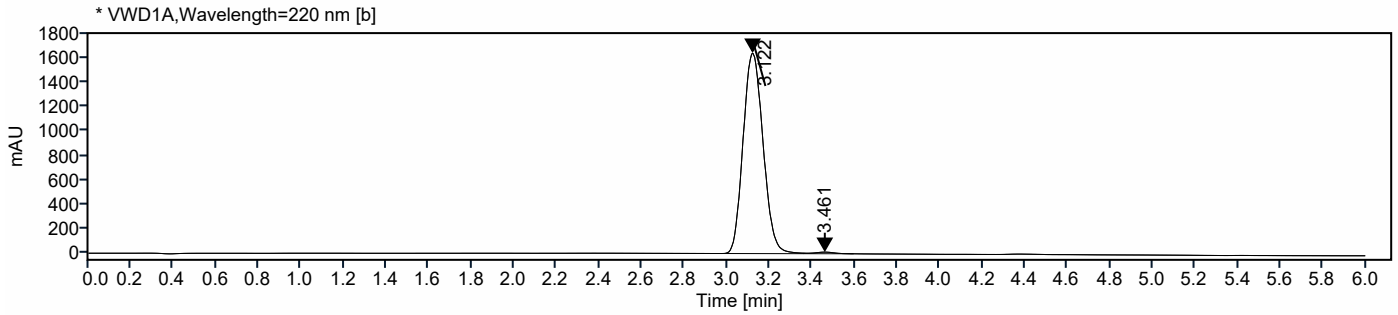
重要声明 / Important Notice

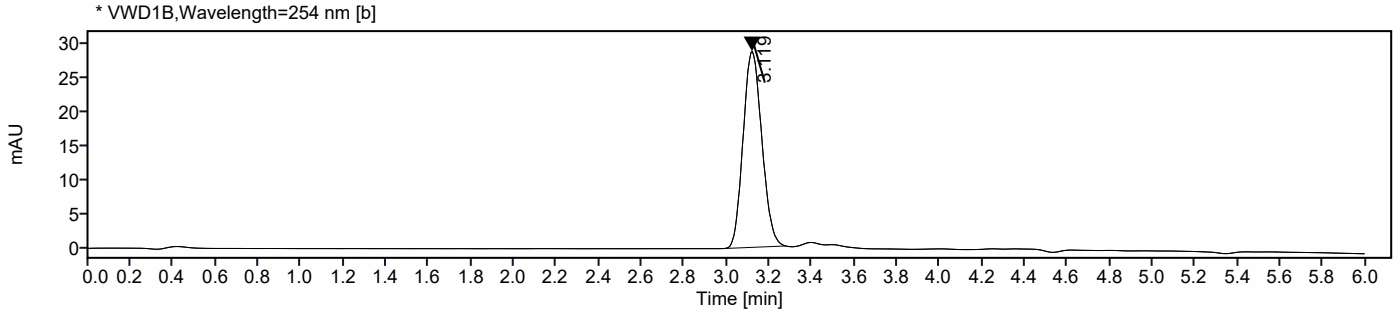
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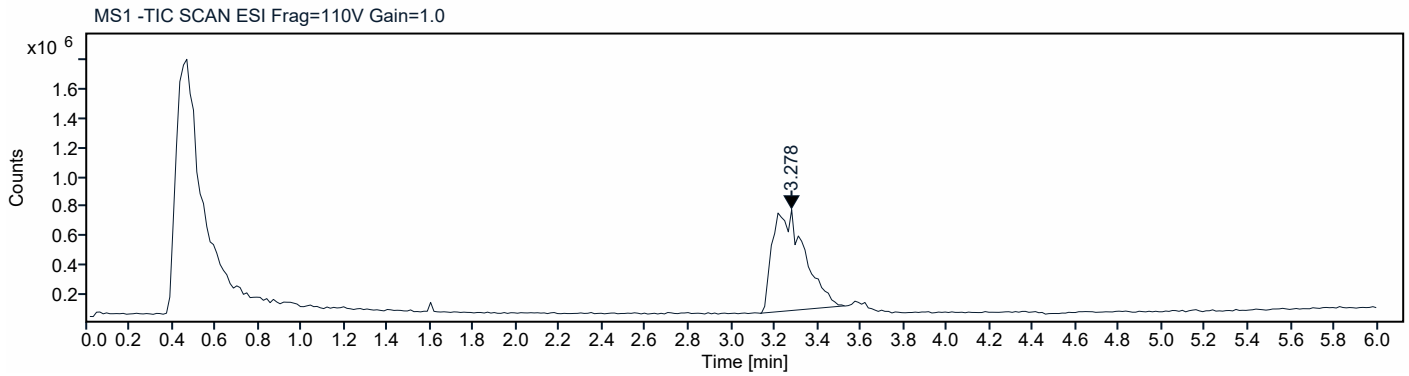
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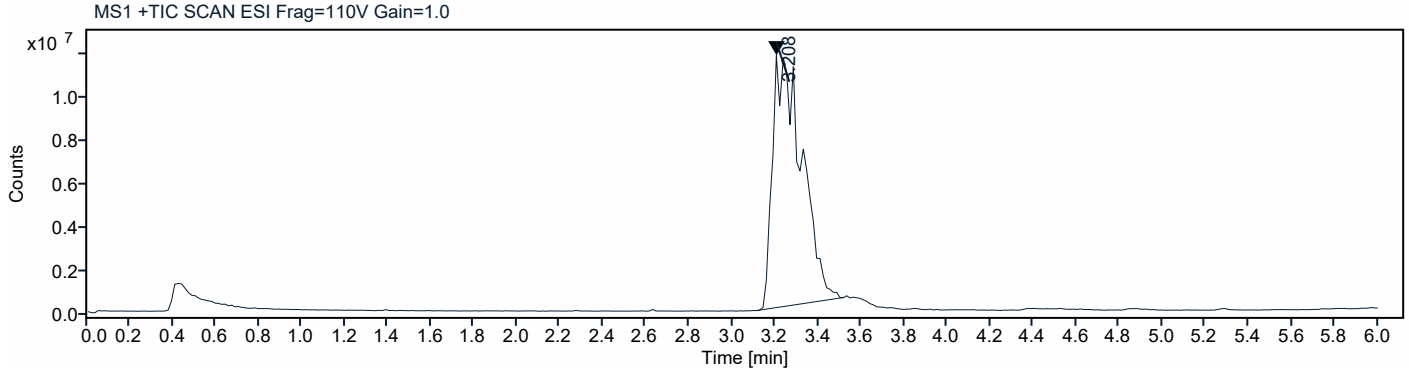
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	SX10.dx	**Project name:**	2026
Sample name:	SX10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-08-24 13:16:59+08:00
Inj. volume:	5.000 µL	**Location:**	P1-D3
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%
3.208	MM m	0.4063	109014261.4673	11624866.3007	100.0000
		Sum	**109014261.4673**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.278	MM m	0.3917	7111070.9249	687232.4343	100.0000
		Sum	**7111070.9249**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.122	MM m	0.3881	10703.0108	1640.8101	99.2298
3.461	MM m	0.2347	83.0705	13.0759	0.7702
		Sum	**10786.0813**		

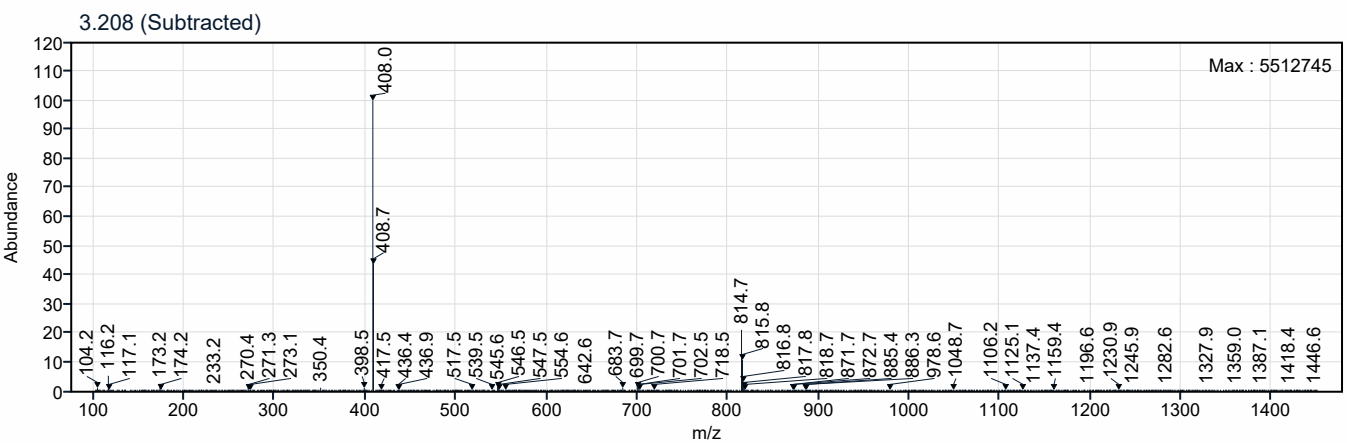
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.119	MM m	0.2979	176.3238	28.8467	100.0000
		Sum	**176.3238**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.208 min **Area %:** 100.00%



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

Peak RT: 3.278 min **Area %:** 100.00%

