



TEST REPORT

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2S50-20260908S0535

Sample Received: 2026-09-08

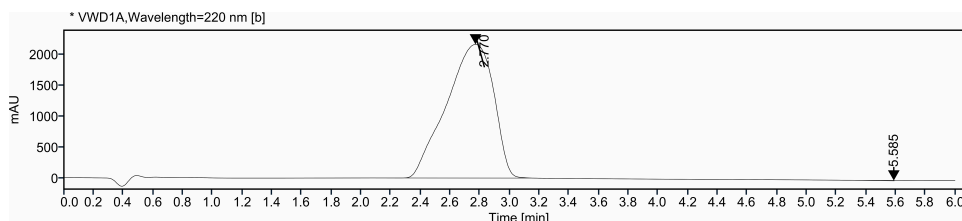
Authentication Code:

Analysis date: 2026-09-09



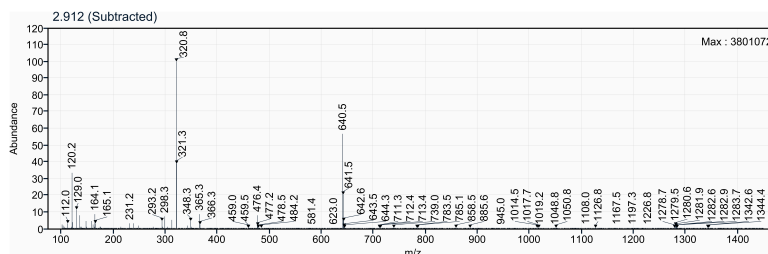
Compound	2S50/SS-31	CAS Number	736992-21-5
Formula	C ₃₂ H ₄₉ N ₉ O ₅	Molecular Weight	639.8
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
2.770	MM m	0.9297	47943.9493	2167.6425	99.8970
5.585	MM m	0.2618	49.4300	5.6688	0.1030
Sum			47993.3793		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.89%
Mass Spectrum	Conforms to [M+2H] ²⁺ , [M+H] ⁺	Detected
Peptides Weight	56.99 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

重要声明 / Important Notice

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LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: 2S50.dx

Sample name: 2S50

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

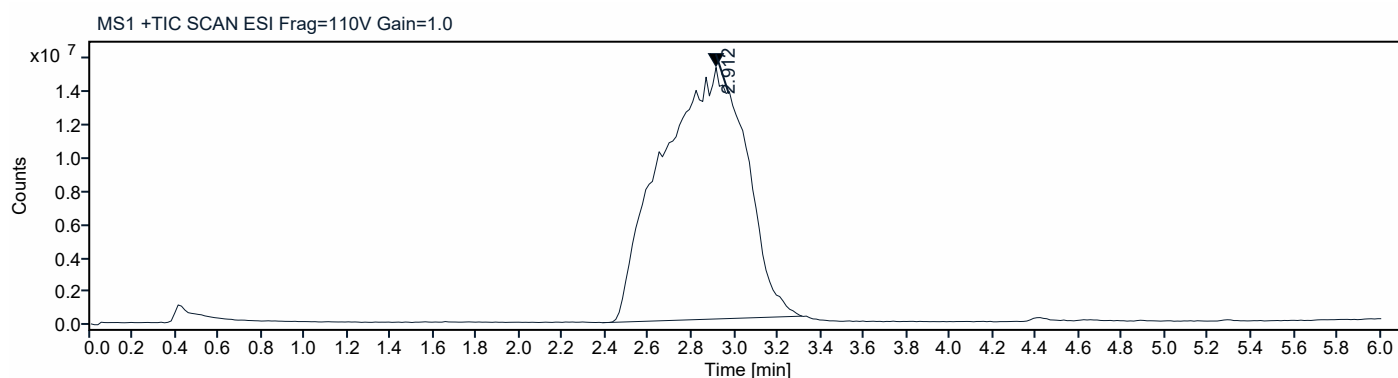
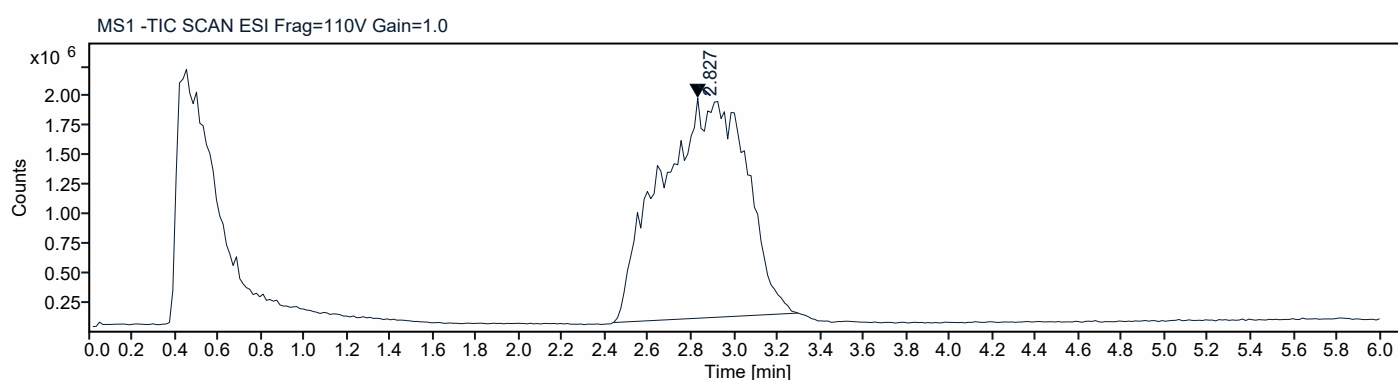
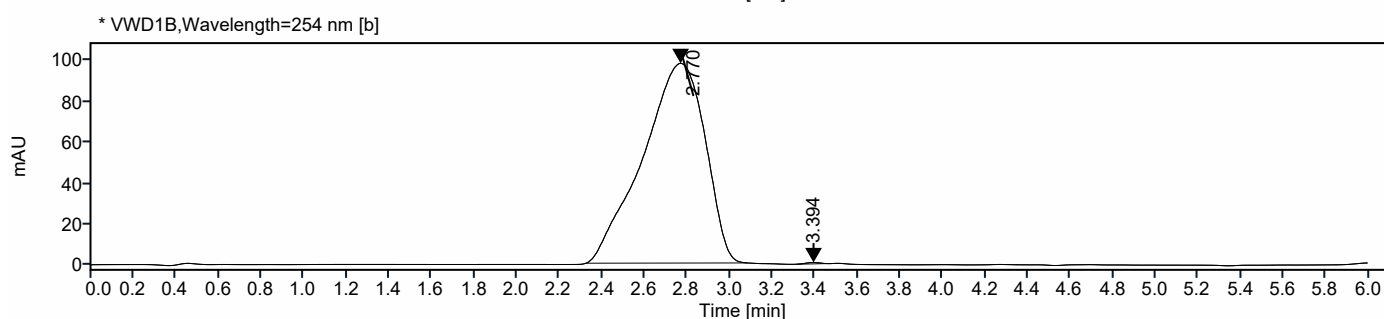
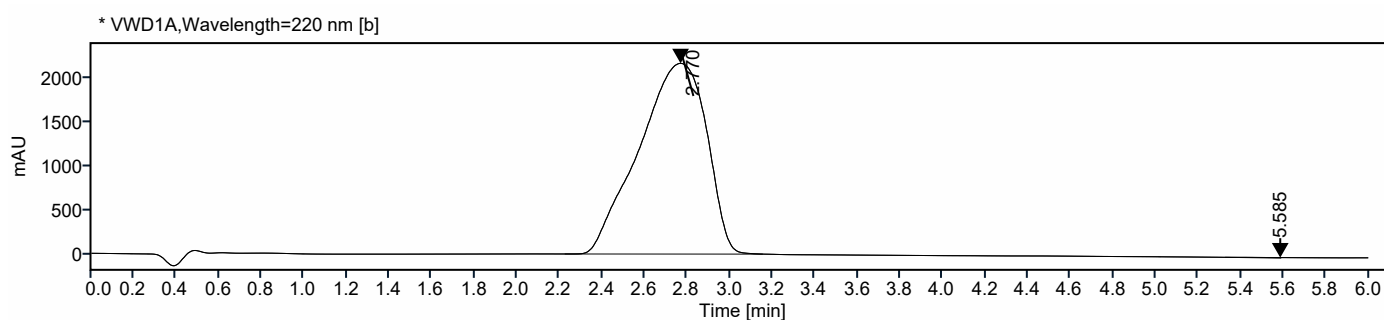
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-09 13:16:46+08:00

Location: P1-F1



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

RT [min]	Type	Width [min]	Area	Height	Area%
2.912	BM m	0.9280	414811769.4 152	15102762.67 87	100.0000
Sum			414811769.4 152		

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

RT [min]	Type	Width [min]	Area	Height	Area%
2.827	MM m	0.8600	51989171.15 56	1867535.79 34	100.0000
Sum			51989171.15 56		

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

RT [min]	Type	Width [min]	Area	Height	Area%
2.770	MM m	0.9297	47943.9493	2167.6425	99.8970
5.585	MM m	0.2618	49.4300	5.6688	0.1030
Sum			47993.3793		

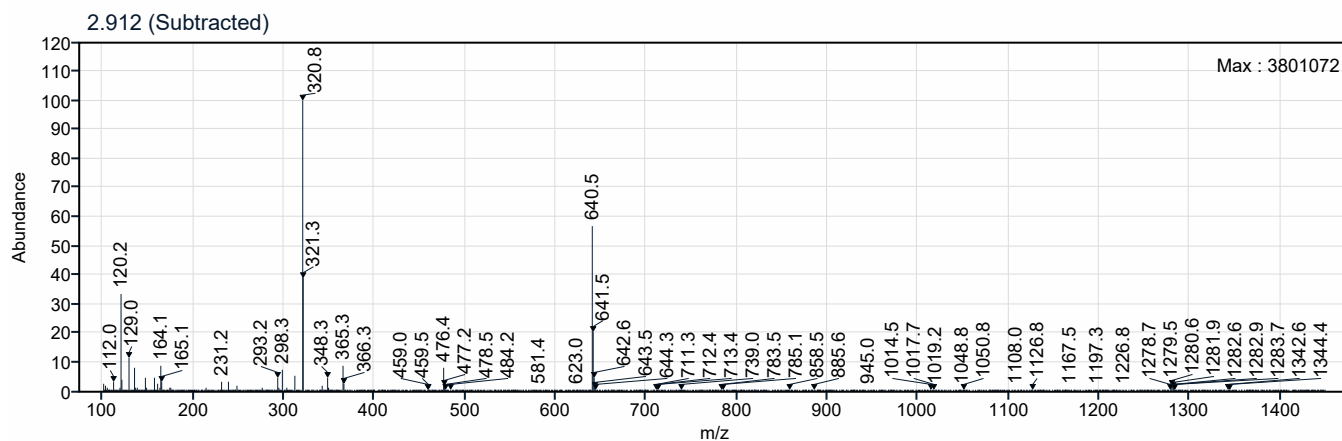
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
2.770	MM m	0.7575	1989.4997	97.5762	99.8496
3.394	MM m	0.1399	2.9967	0.6770	0.1504
Sum			1992.4965		

Peak Details (Area Percent at least 1%)

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

Peak RT: 2.912 min **Area %:** 100.00%



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

Peak RT: 2.827 min **Area %:** 100.00%

