



TEST REPORT

TSM10-20260830S0526

Authentication Code:

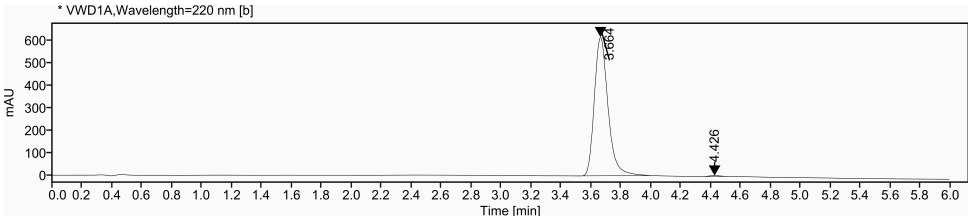
Sample Received: 2026-08-30

Analysis date: 2026-09-01



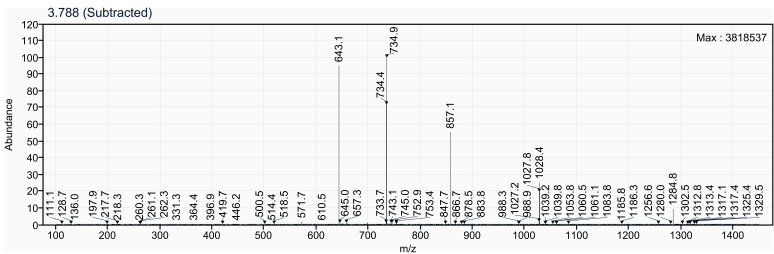
Compound	TSM10/Tesamorelin	CAS Number	218949-48-5
Formula	C ₂₂₁ H ₃₆₆ N ₇₂ O ₆₇ S	Molecular Weight	5136.0
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.664	MM m	0.5009	3925.4141	619.2422	99.5262
4.426	MM m	0.1805	18.6874	3.5625	0.4738
Sum			3944.1015		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.52%
Mass Spectrum	Conforms to [M+8/7/6/5/4H] ^{8/7/6/5/4+}	Detected
Peptide Weight	11.98 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: TSM10.dx

Sample name: TSM10

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

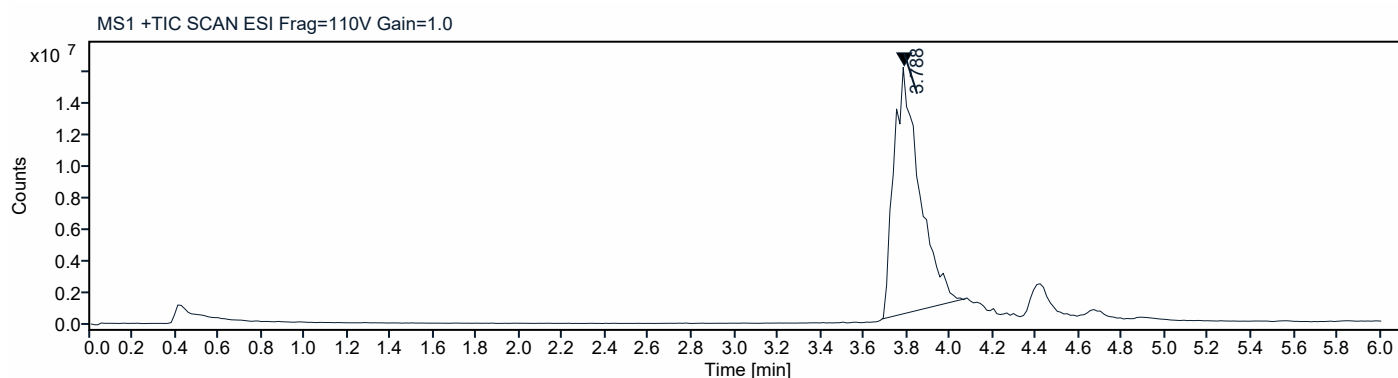
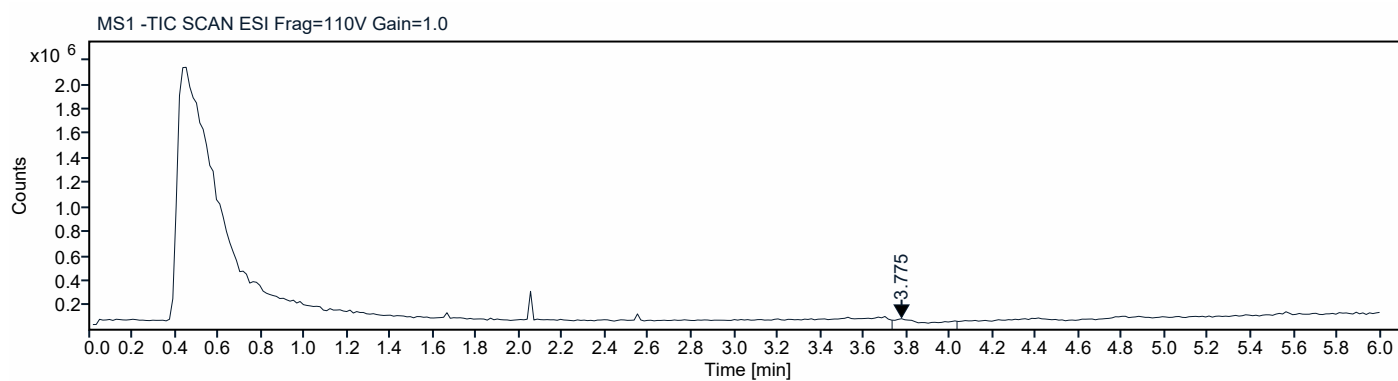
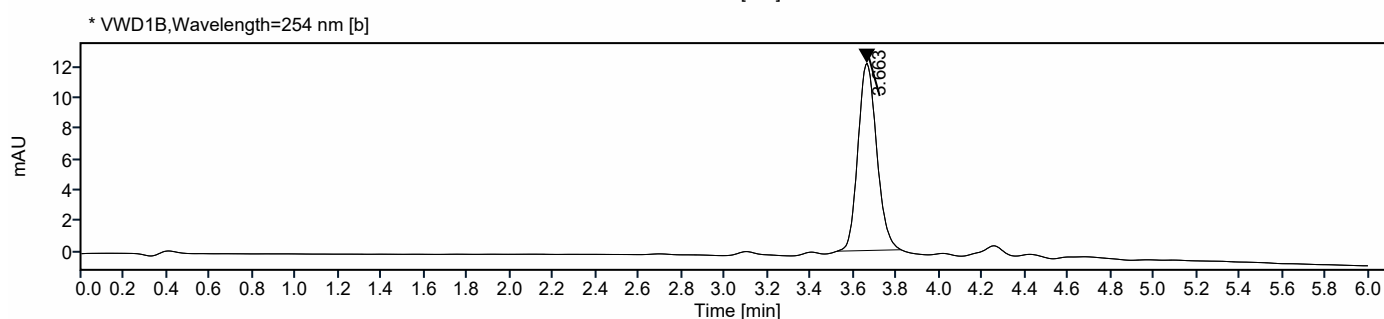
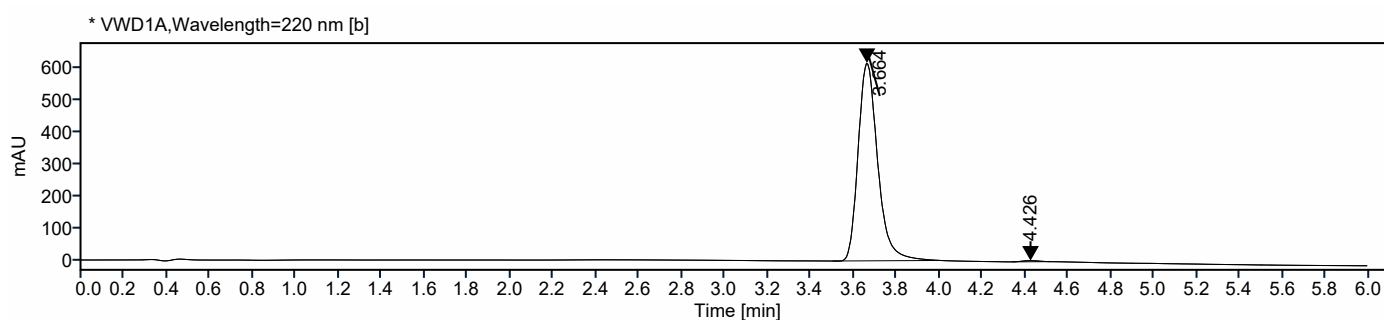
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-01 08:05:00+08:00

Location: P1-F1



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.788	MM m	0.3883	129475034.4009	15596244.5603	100.0000
Sum			129475034.4009		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.775	MM m	0.3017	6308807.5045	356636.2312	100.0000
Sum			6308807.5045		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.664	MM m	0.5009	3925.4141	619.2422	99.5262
4.426	MM m	0.1805	18.6874	3.5625	0.4738
Sum			3944.1015		

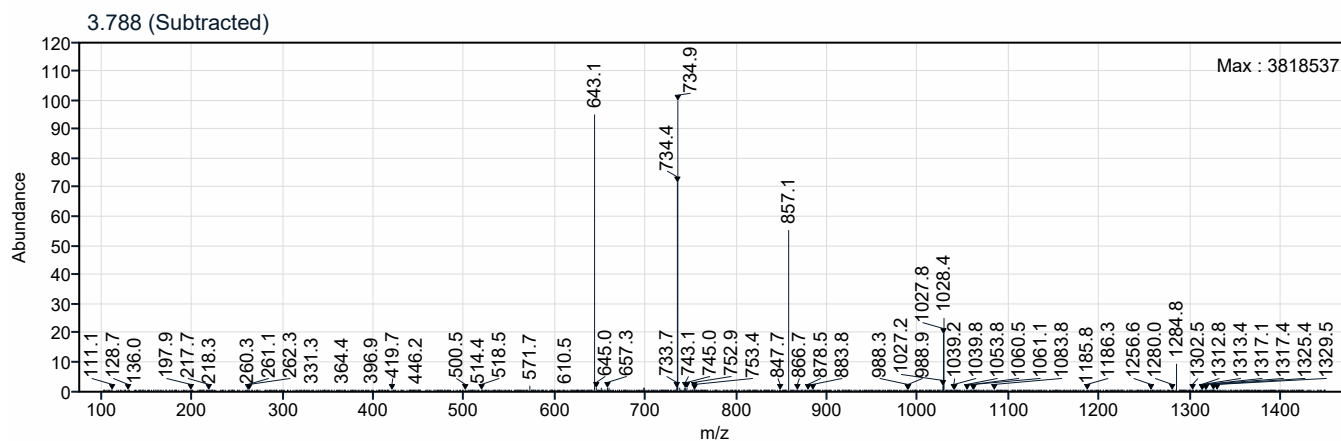
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.663	MM m	0.2979	73.8947	12.1694	100.0000
Sum			73.8947		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.788 min **Area %:** 100.00%



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

Peak RT: 3.775 min **Area %:** 100.00%

