TEST REPORT

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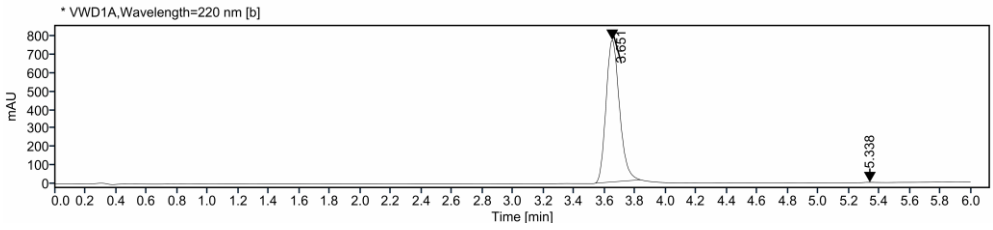
TSM10-20260731S0925 **Sample Received: 2026-07-30**

Authentication Code: **Analysis date: 2026-07-31**

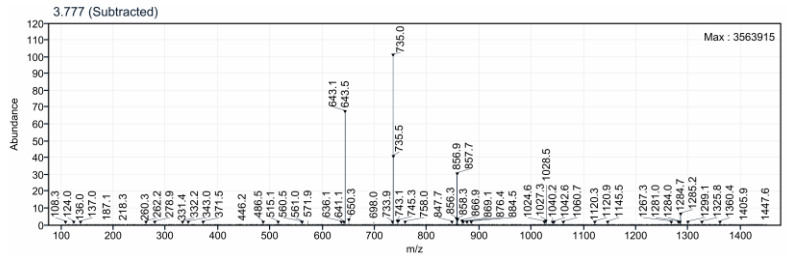
Compound	TSM10/Tesamorelin	CAS Number	218949-48-5
Formula	$C_{221}H_{366}N_{72}O_{67}S$	Molecular Weight	5136.0
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.651	MM m	0.2979	4725.5711	773.0634	99.9664
5.338	MM m	0.0903	1.5878	0.6217	0.0336
		Sum	4727.1589		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.96%
Mass Spectrum	Conforms to $[M+8/7/6/5/4H]^{8/7/6/5/4+}$	Detected
Peptide Weight	10.79 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

重要声明 / Important Notice

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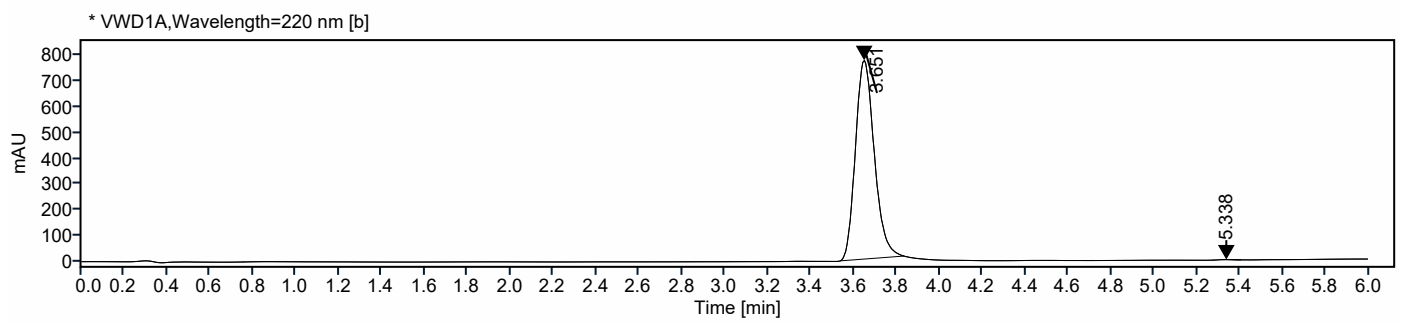
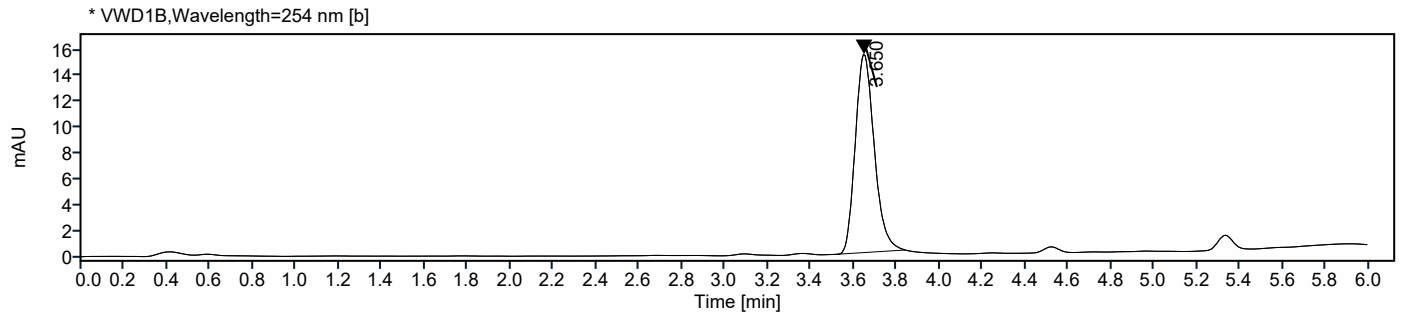
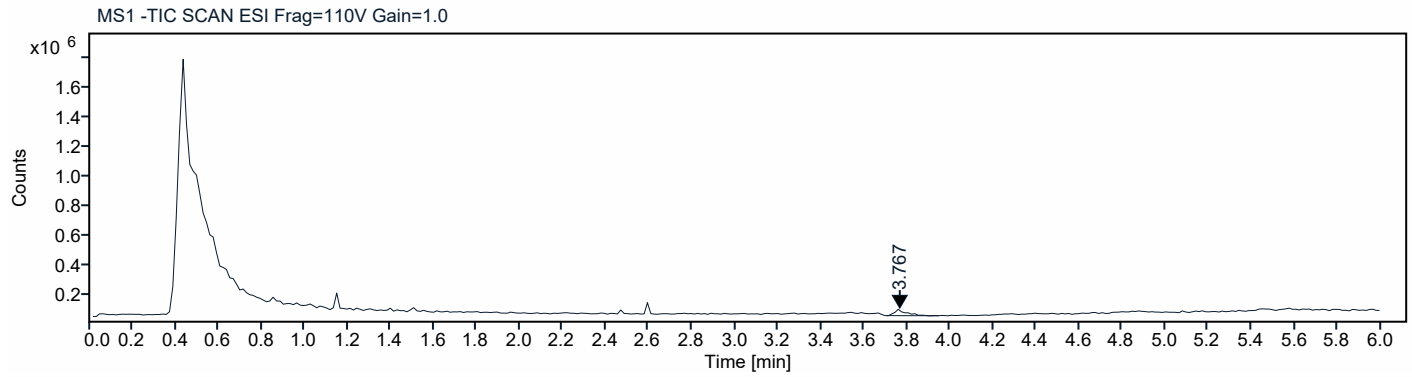
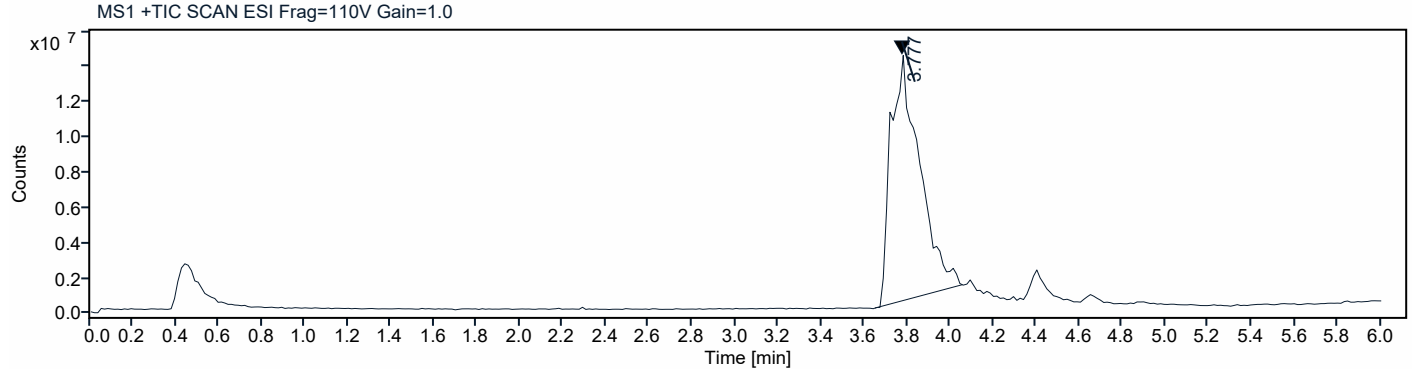
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TSM10.dx	**Project name:**	2026
Sample name:	TSM10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-07-31 11:43:07+08:00
Inj. volume:	5.000 µL	**Location:**	P1-C4
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%
3.777	MM m	0.4063	130936247.0731	13972313.9195	100.0000
		Sum	**130936247.0731**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.767	MM m	0.2431	160835.9320	43879.8045	100.0000
		Sum	**160835.9320**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.651	MM m	0.2979	4725.5711	773.0634	99.9664
5.338	MM m	0.0903	1.5878	0.6217	0.0336
		Sum	**4727.1589**		

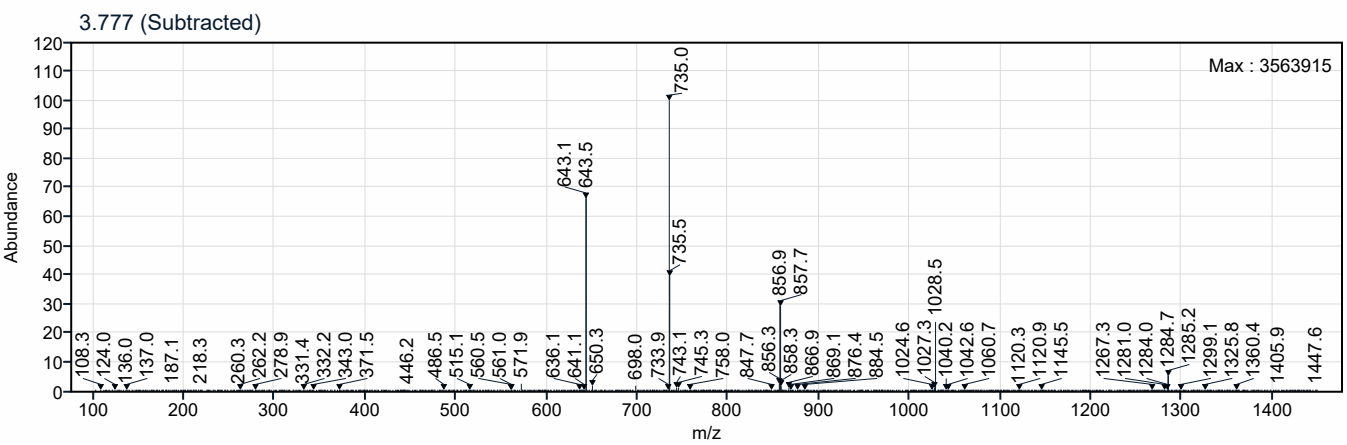
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.650	MM m	0.3340	94.5496	15.3811	100.0000
		Sum	**94.5496**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.777 min **Area %:** 100.00%



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

Peak RT: 3.767 min **Area %:** 100.00%