TEST REPORT

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

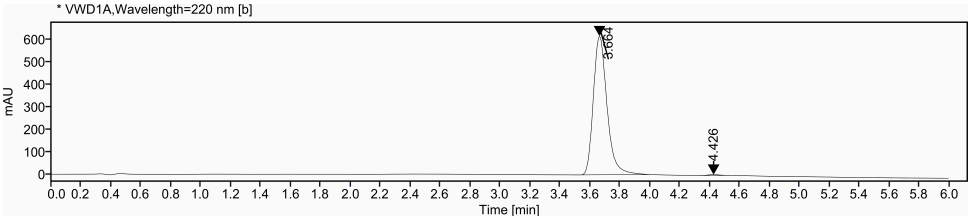
TSM10-20260830S0526 **Sample Received: 2026-08-30**

Authentication Code: **Analysis date: 2026-09-01**



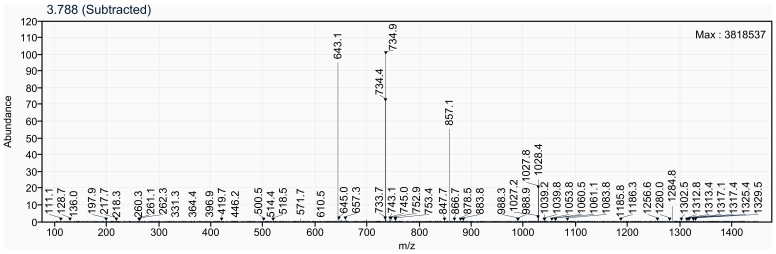
Compound	TSM10/Tesamorelin	CAS Number	218949-48-5
Formula	$C_{221}H_{366}N_{72}O_{67}S$	Molecular Weight	5136.0
Manufacturer	N/A		

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, Data Compilation Zhibo Li, Technical Review

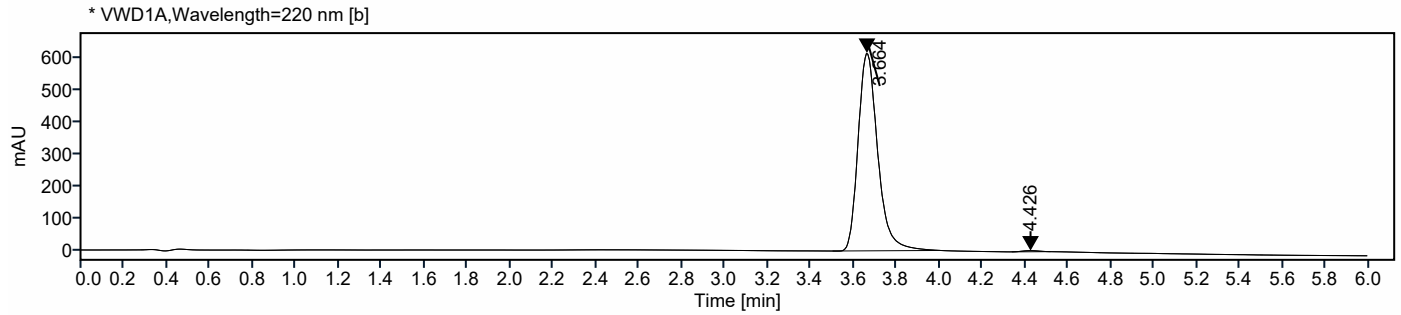
重要声明 / Important Notice

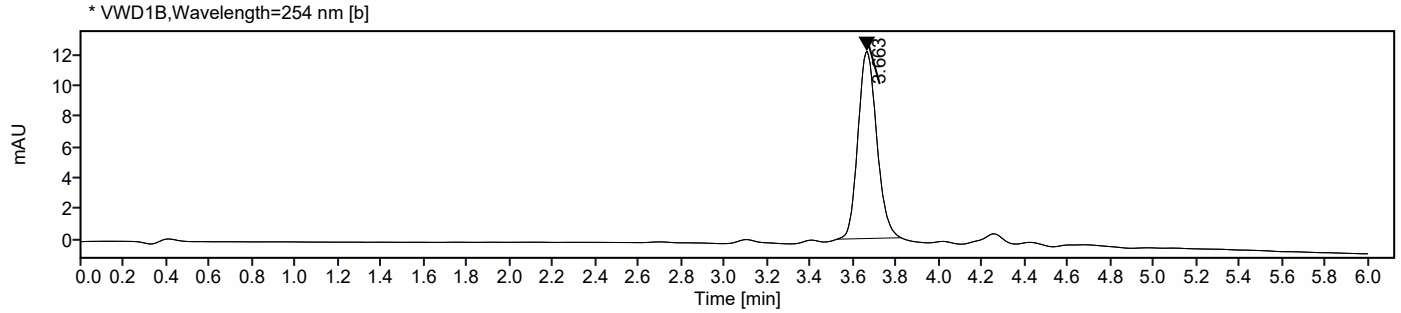
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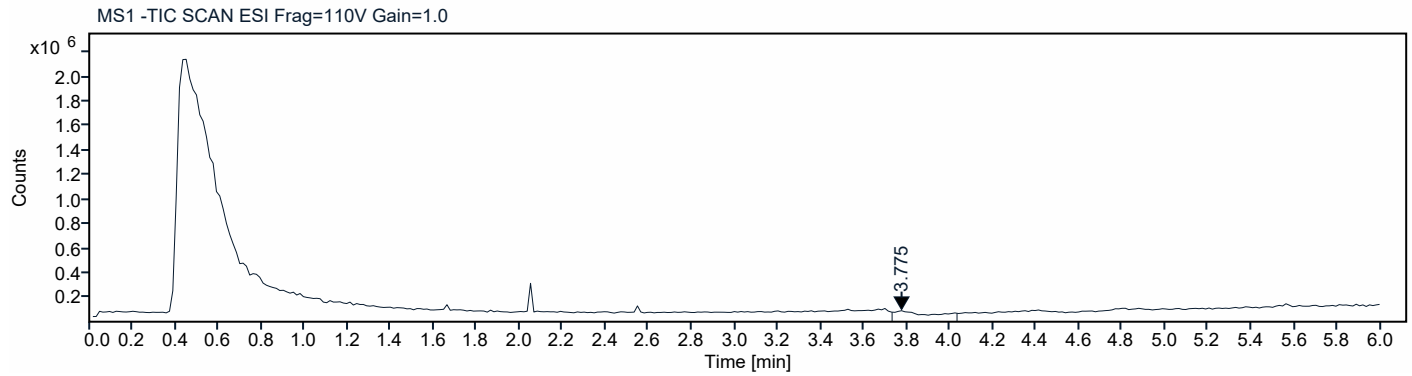
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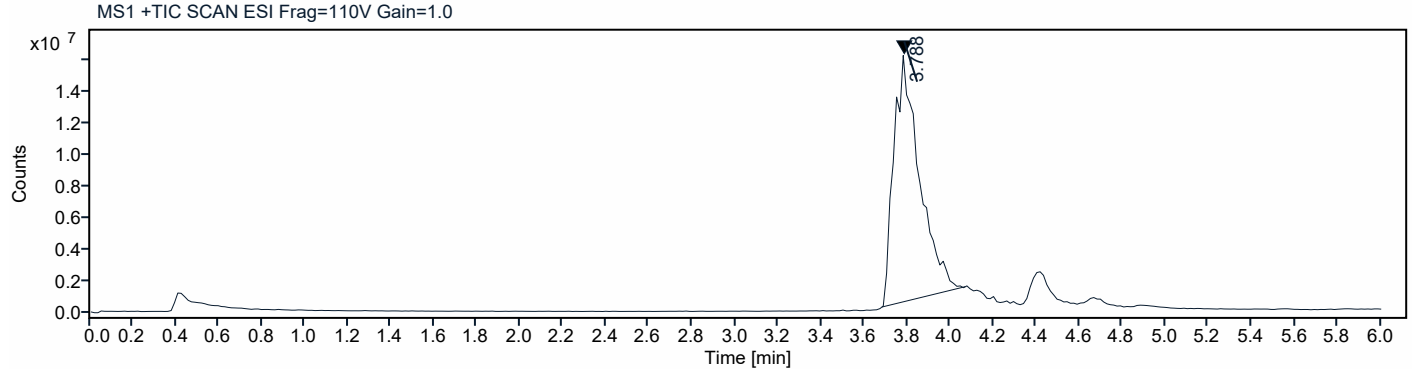
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TSM10.dx	**Project name:**	2026
Sample name:	TSM10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-01 08:05:00+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F1
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%
3.788	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**		

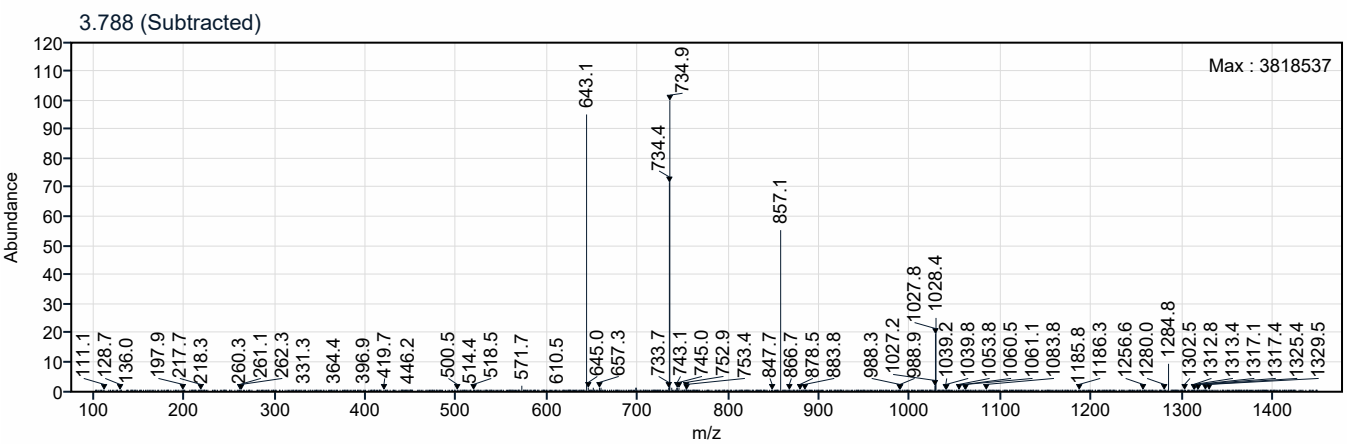
Signal: * VWD1B,Wavelength=254 nm [b]

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%

