TEST REPORT

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

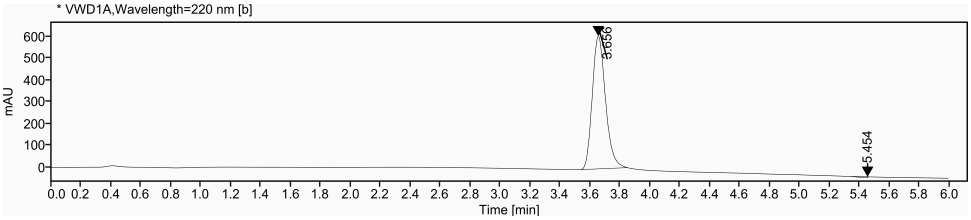
TSM10-20260907S7302

Sample Received: 2026-09-07

Analysis date: 2026-09-08

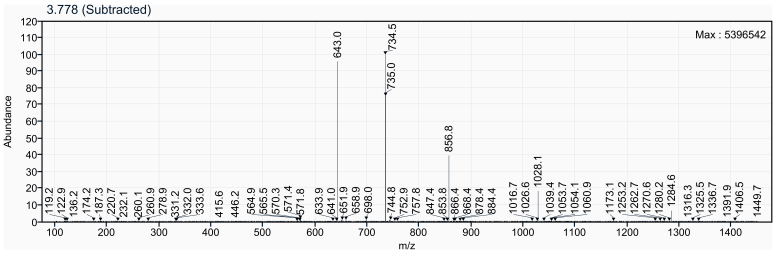
Compound	TSM10/Tesamorelin	CAS Number	218949-48-5
Formula	$C_{221}H_{366}N_{72}O_{67}S$	Molecular Weight	5136.0

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.656	MM m	0.3159	3733.8202	608.5200	99.5087
5.454	MM m	0.1264	18.4350	4.6002	0.4913
		Sum	**3752.2553**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.50%
Mass Spectrum	Conforms to $[M+8/7/6/5/4H]^{8/7/6/5/4+}$	Detected
Peptide Weight	11.72 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

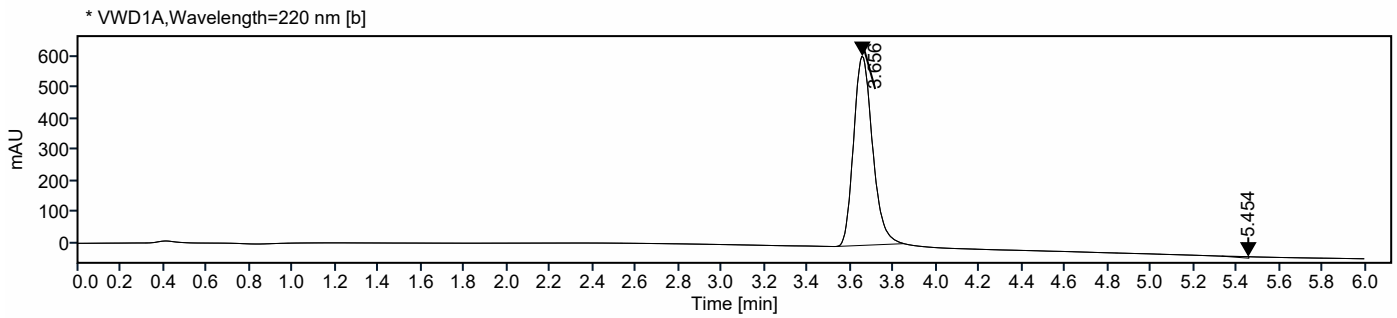
重要声明 / Important Notice

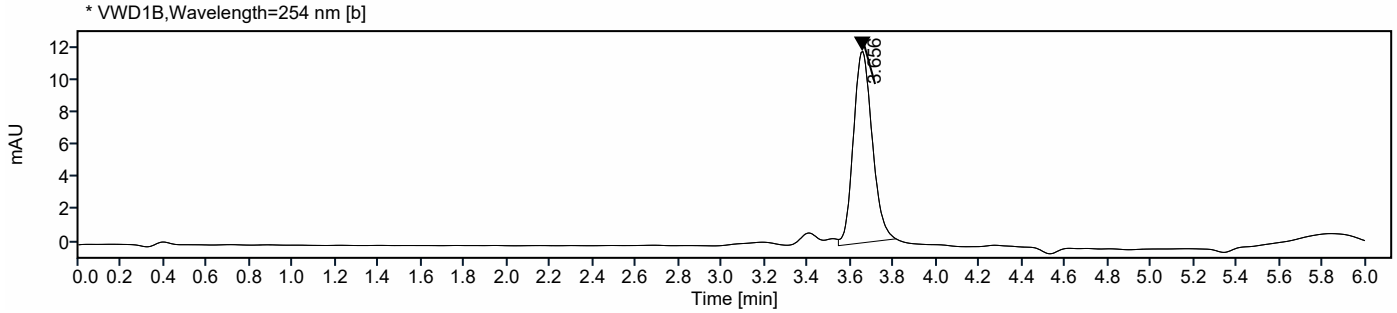
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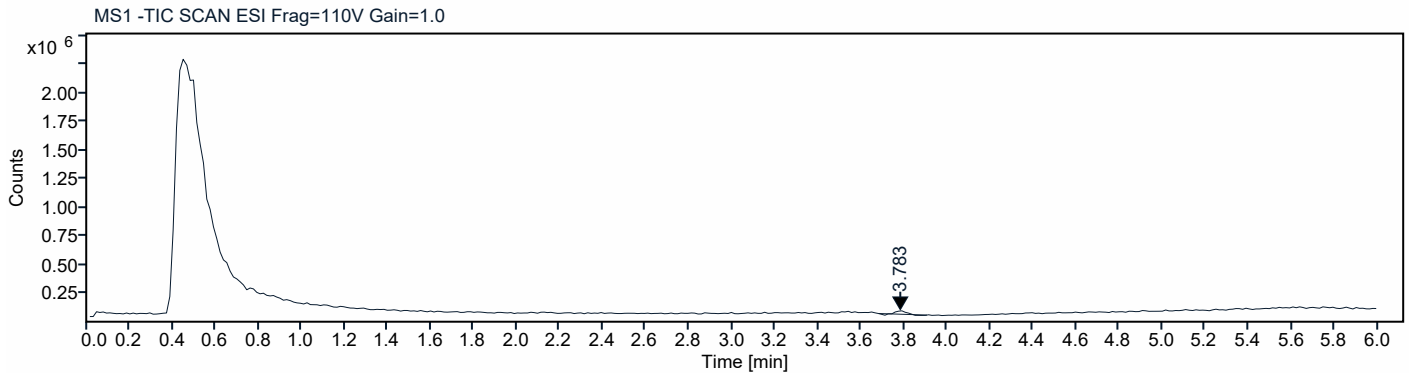
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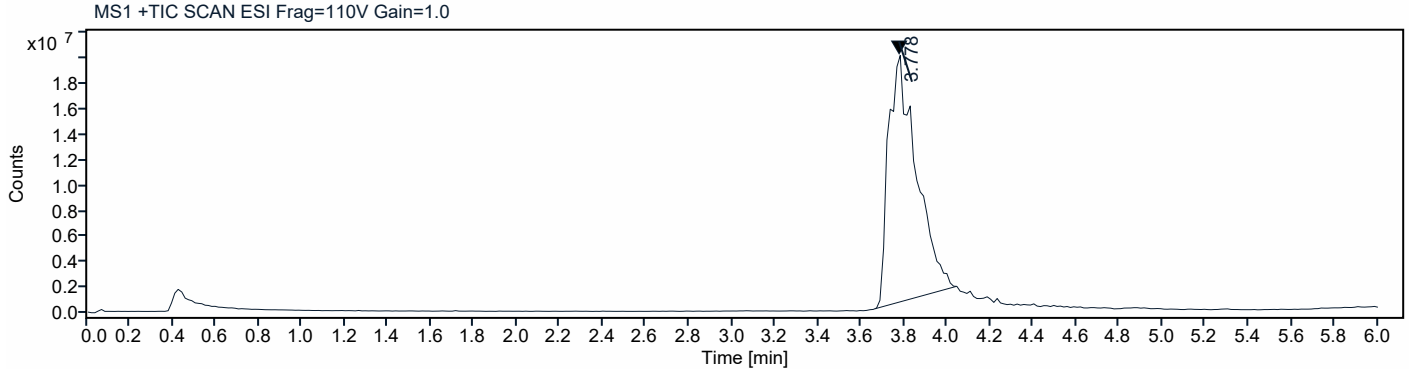
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TSM10.dx	**Project name:**	2026
Sample name:	TSM10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-08 11:29:28+08:00
Inj. volume:	5.000 µL	**Location:**	P1-D5
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%
3.778	MM m	0.3792	175416052.3272	19383546.8288	100.0000
		Sum	**175416052.3272**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.783	MM m	0.2251	65208.6414	29703.0118	100.0000
		Sum	**65208.6414**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.656	MM m	0.3159	3733.8202	608.5200	99.5087
5.454	MM m	0.1264	18.4350	4.6002	0.4913
		Sum	**3752.2553**		

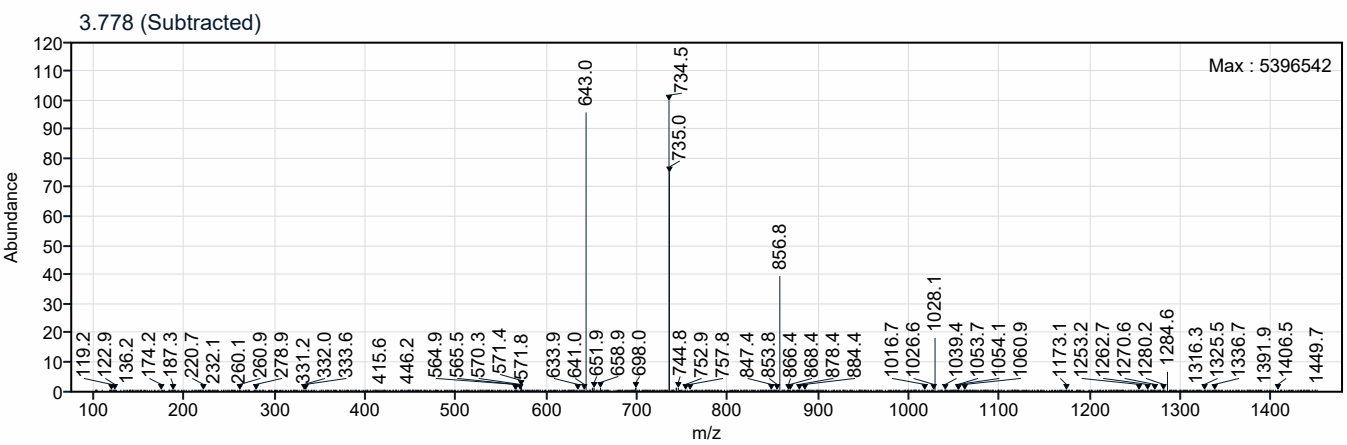
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.656	VM m	0.2686	72.3700	11.8478	100.0000
		Sum	**72.3700**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.778 min **Area %:** 100.00%



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

Peak RT: 3.783 min **Area %:** 100.00%

