TEST REPORT

E: contact@tjqxgd.com
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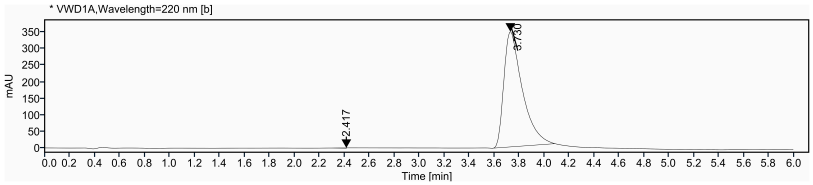
TSM10-20260928S7783 | **Sample Received: 2026-09-28**

Authentication Code: | **Analysis date: 2026-09-28**



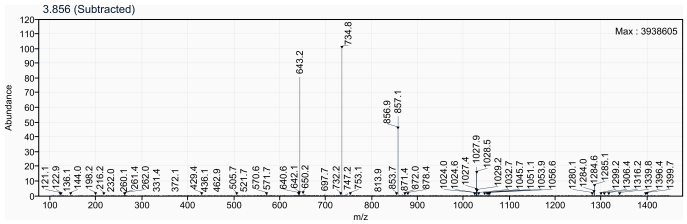
Compound	TSM10/Tesamorelin	CAS Number	218949-48-5
Formula	$C_{221}H_{366}N_{72}O_{67}S$	Molecular Weight	5136.0
Batch Number	BD-TESA10-1026 for Tesamorelin		
Manufacturer	BODI Research		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
2.417	MM m	0.1354	4.2707	1.0095	0.1196
3.730	BM m	0.5033	3566.4499	347.8695	99.8804
		Sum	3570.7207		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.88%
Mass Spectrum	Conforms to $[M+8/7/6/5/4H]^{8/7/6/5/4+}$	Detected
Endotoxin	0.263 EU/Vial	
Net Content	11.43 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

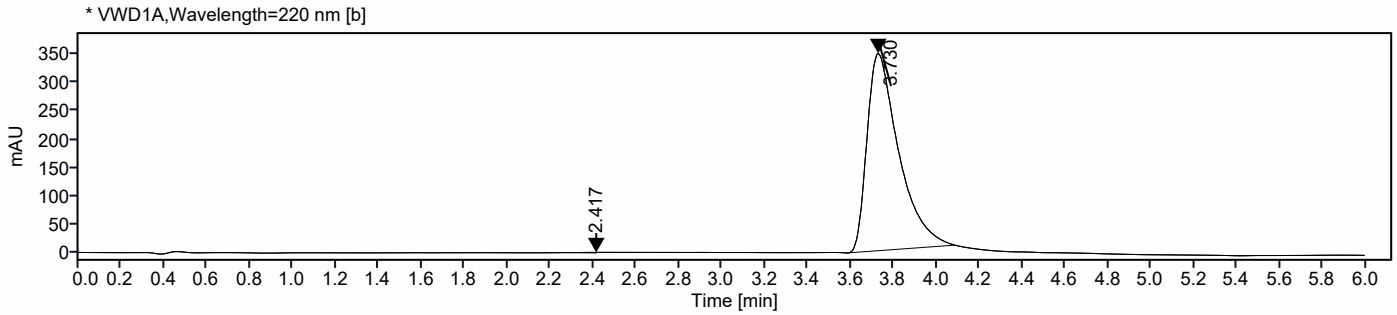
重要声明 / Important Notice

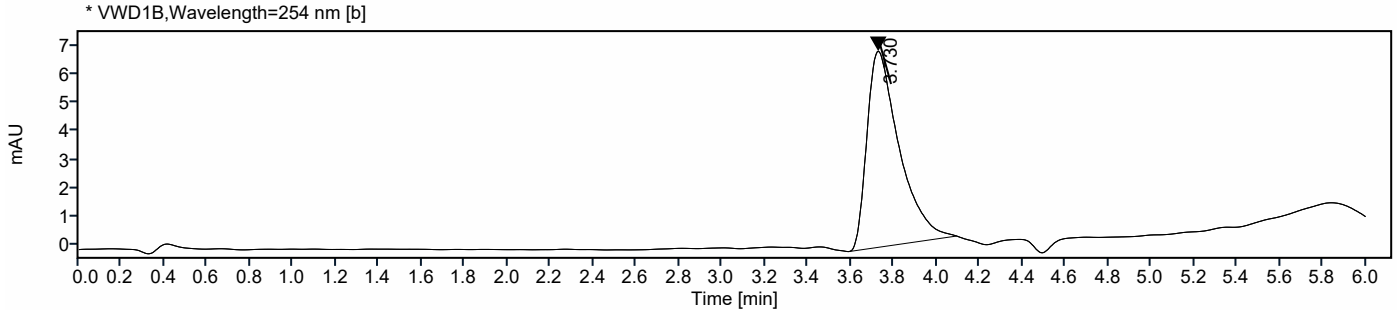
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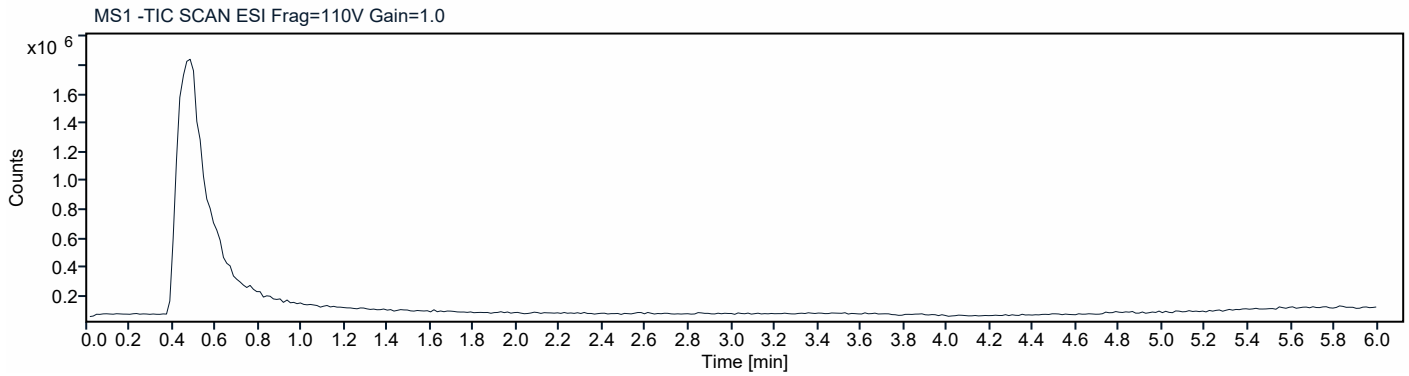
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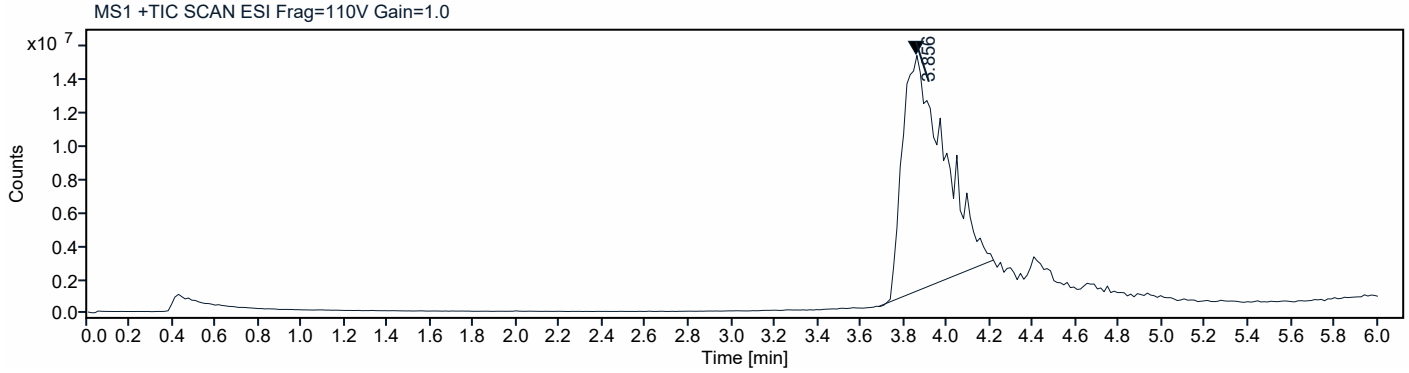
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TSM10.dx	**Project name:**	2026
Sample name:	TSM10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-28 17:45:06+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F7
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%
3.856	MM m	0.5327	190930176.2792	14148878.2576	100.0000
		Sum	**190930176.2792**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
2.417	MM m	0.1354	4.2707	1.0095	0.1196
3.730	BM m	0.5033	3566.4499	347.8695	99.8804
		Sum	**3570.7207**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.730	BM m	0.5022	71.7382	6.8898	100.0000
		Sum	**71.7382**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.856 min **Area %:** 100.00%

