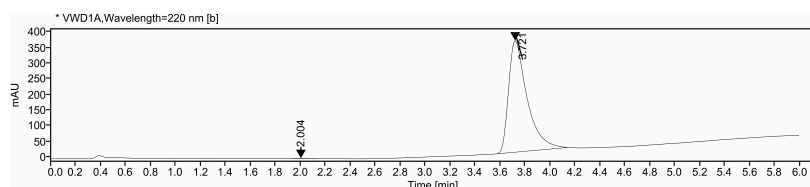


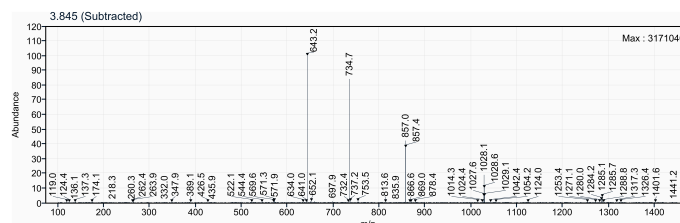
Analysis date: 2026-10-14



Compound	TSM10/Tesamorelin	CAS Number	218949-48-5
Formula	C ₂₂₁ H ₃₆₆ N ₇₂ O ₆₇ S	Molecular Weight	5136.0
Batch Number	TSM202639		
Manufacturer	Yili Peptide https://yilipeptide.com/		



RT [min]	Type	Width [min]	Area	Height	Area%
2.004	MM m	0.2259	5.7571	0.5809	0.1570
3.721	BM m	0.5967	3661.5581	356.1417	99.8430
		Sum	3667.3152		



Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.84%
Mass Spectrum	Conforms to [M+8/7/6/5/4H] ^{8/7/6/5/4+}	Detected
Endotoxin (USP <85>)	< 1 EU/mg	0.135 EU/mg, PASS
Net Content	11.56 mg	

peng Cron

Wibo Li

Zhibo Li, Technical Review

This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It shall not be used for regulatory submissions, litigation evidence, or any other purpose requiring legally accredited documentation. The related products are intended for scientific research use only and have not been approved for human or veterinary use, diagnosis, treatment, or clinical application. Results should be interpreted by qualified professionals within the intended scope of research.

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

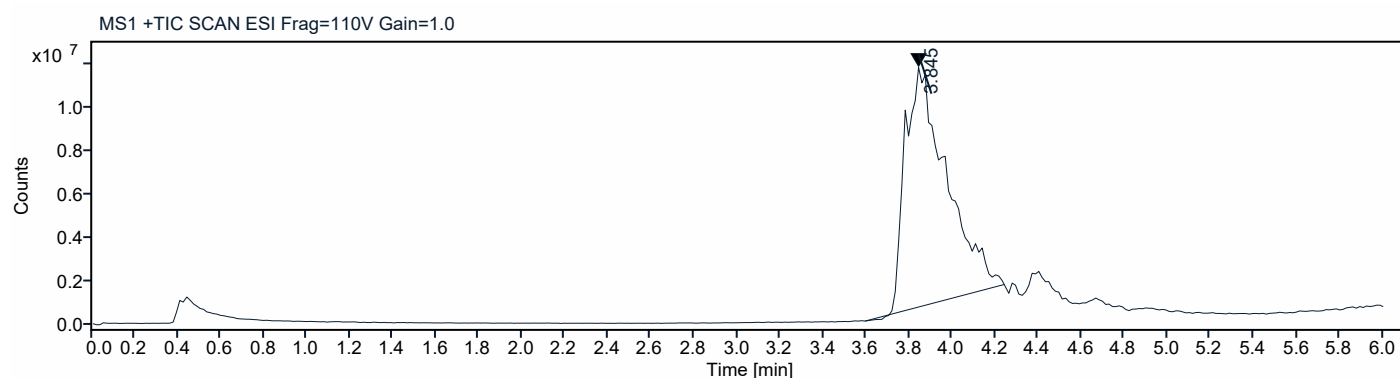
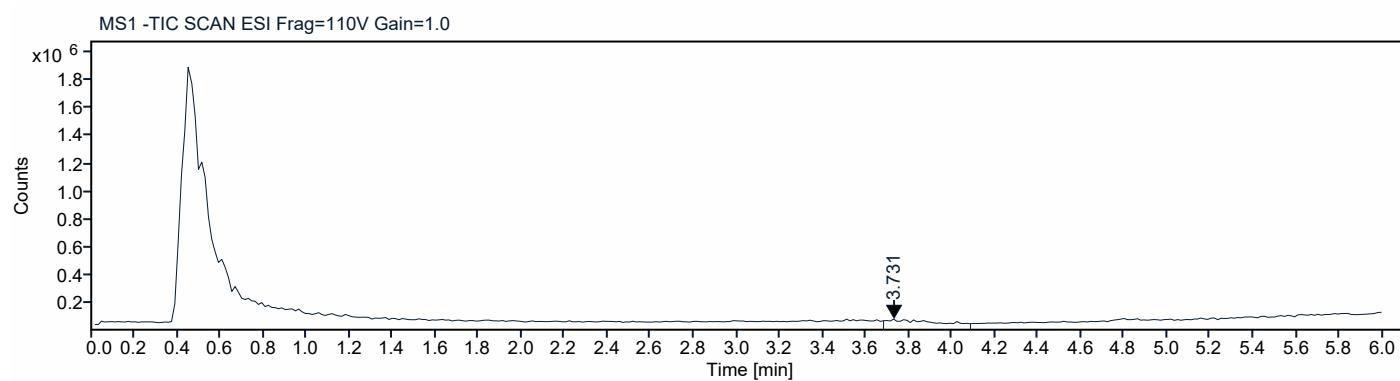
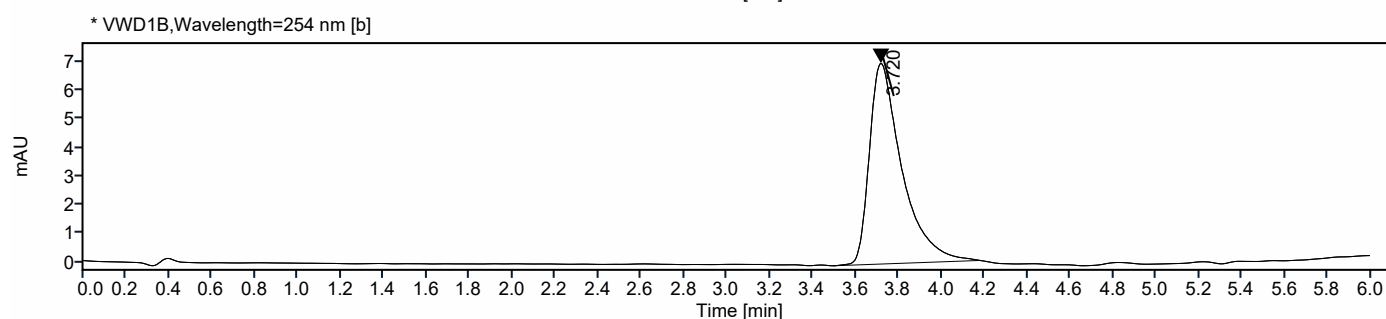
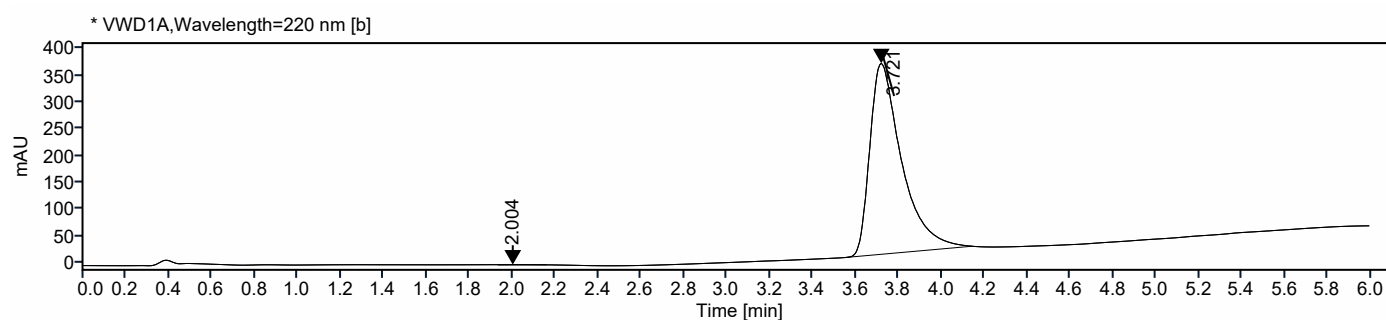
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-10-14 12:19:28+08:00

Location: P1-E2



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.845	BM m	0.6461	147447315.6 822	11001582.25 12	100.0000
Sum			147447315.6 822		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.731	MM m	0.4040	2481955.03 20	118793.3781	100.0000
Sum			2481955.03 20		

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

RT [min]	Type	Width [min]	Area	Height	Area%
2.004	MM m	0.2259	5.7571	0.5809	0.1570
3.721	BM m	0.5967	3661.5581	356.1417	99.8430
Sum			3667.3152		

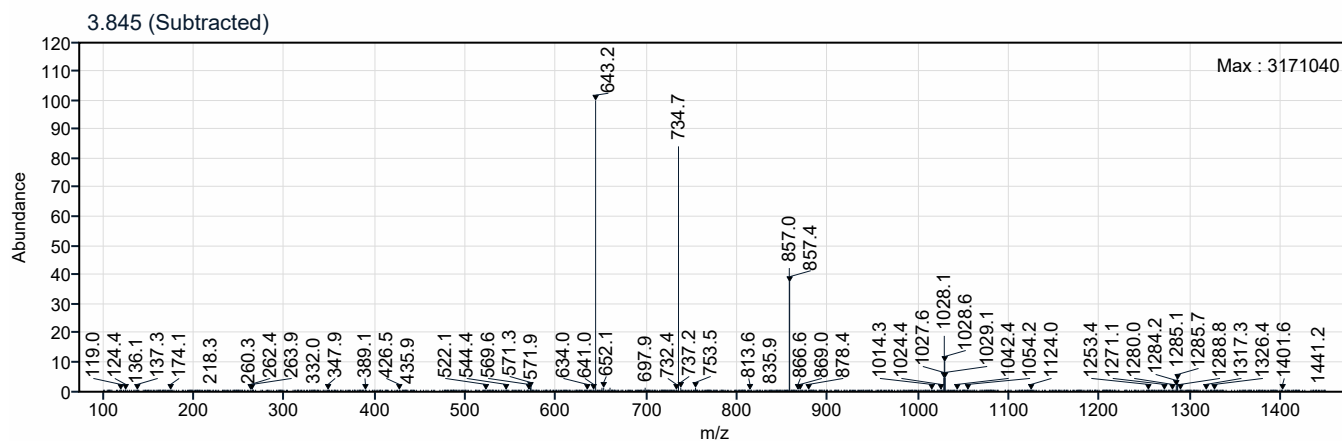
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.720	BM m	0.6841	73.9594	7.0410	100.0000
Sum			73.9594		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.845 min **Area %:** 100.00%



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

Peak RT: 3.731 min **Area %:** 100.00%

