



TEST REPORT

TB10-20260823S0517

Authentication Code:

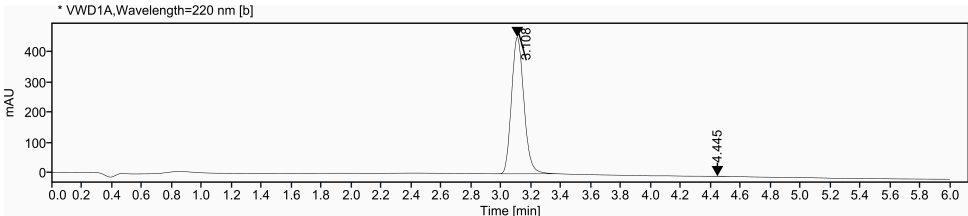
Sample Received: 2026-08-23

Analysis date: 2026-08-24

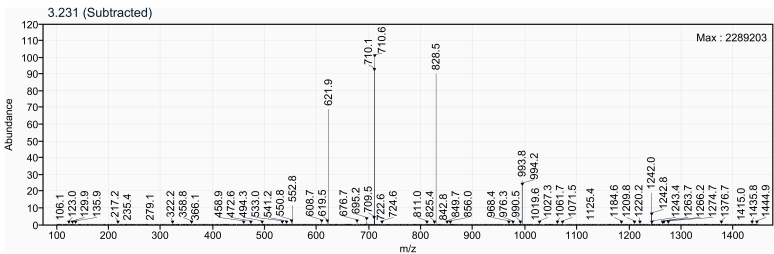


Compound	TB10/Thymosin β 4	CAS Number	77591-33-4
Formula	C ₂₁₂ H ₃₅₀ N ₅₆ O ₇₈ S	Molecular Weight	4963.0
Manufacturer	N/A		

HPLC-MS Details:



Signal: * VWD1A,Wavelength=220 nm [b]					
RT [min]	Type	Width [min]	Area	Height	Area%
3.108	MM m	0.4017	2607.9461	452.7353	99.8231
4.445	MM m	0.2437	4.6228	0.6800	0.1769
Sum			2612.5688		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.82%
Mass Spectrum	Conforms to [M+8/7/6/5/4H] ^{8/7/6/5/4+} (TB4)	Detected
Peptide Weight	10.91 mg	

Peng Gao

Zhibo Li

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: TB10.dx

Sample name: TB10

Instrument: LCMS

Inj. volume: 5.000 μ L

Acq. method: LCMS-02AB.amx

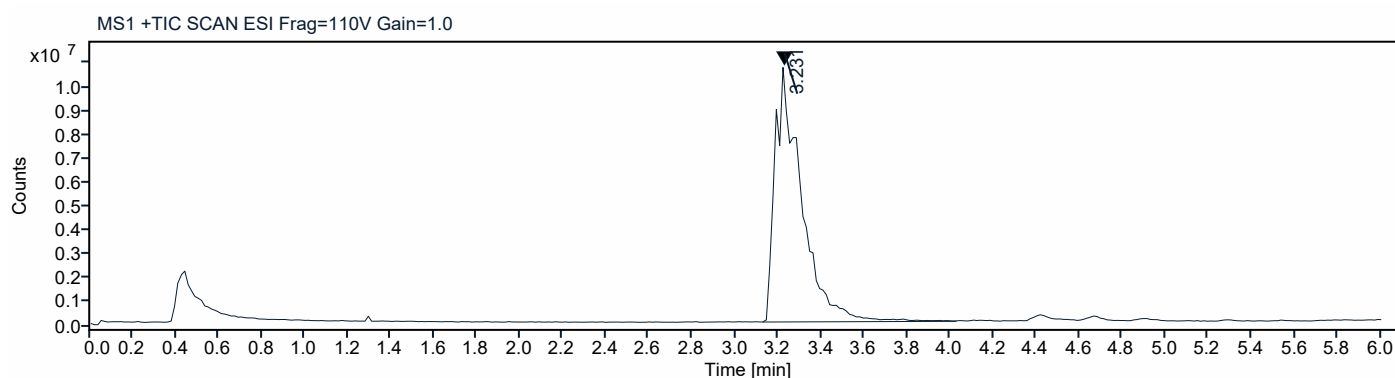
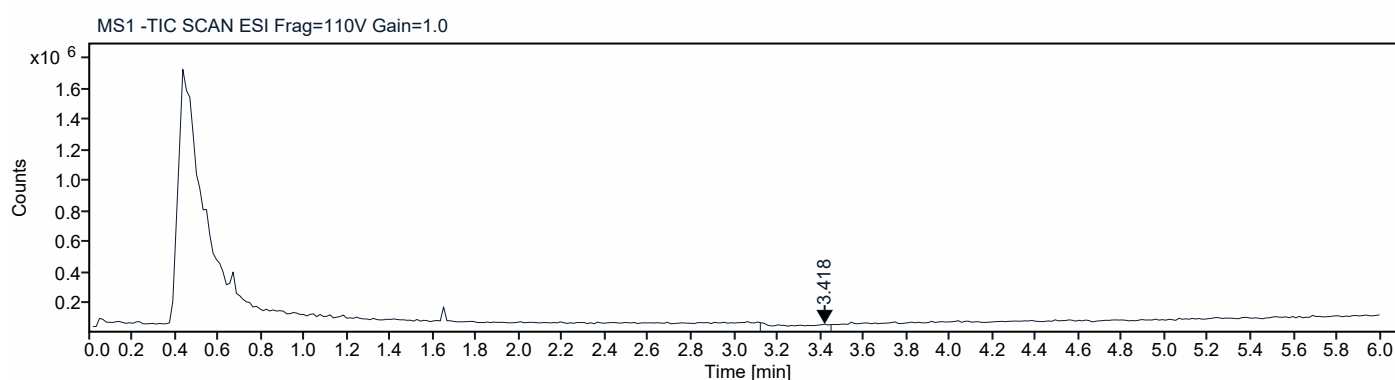
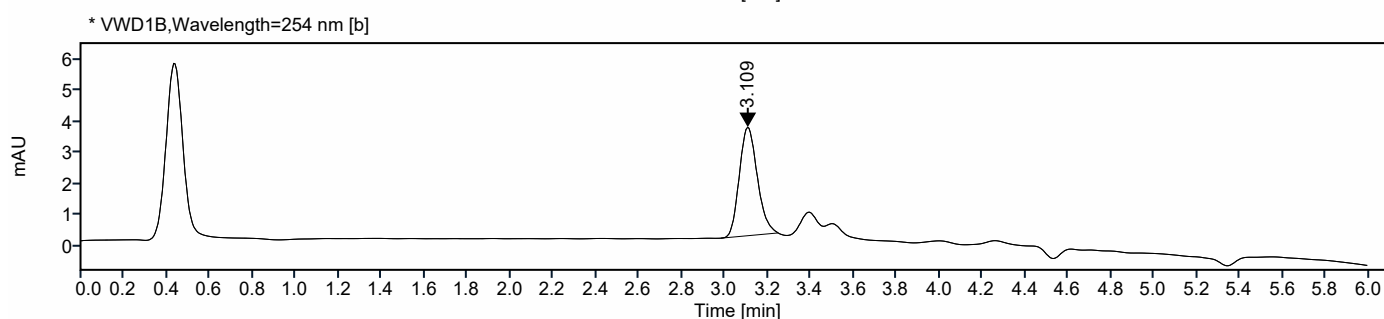
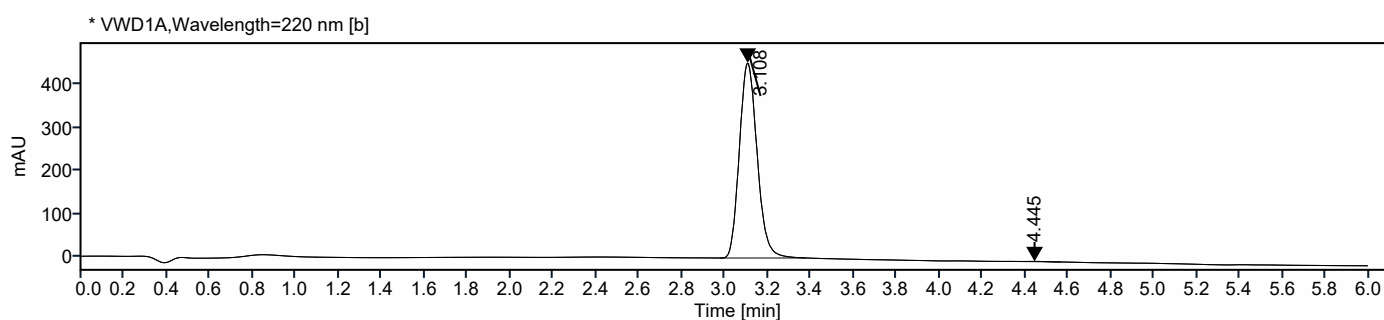
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-08-24 09:02:08+08:00

Location: P1-A3



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.231	BV	0.8976	91968810.8389	10732686.5723	100.0000
Sum			91968810.8389		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.418	MM m	0.3287	2589643.1031	153473.1286	100.0000
Sum			2589643.1031		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.108	MM m	0.4017	2607.9461	452.7353	99.8231
4.445	MM m	0.2437	4.6228	0.6800	0.1769
Sum			2612.5688		

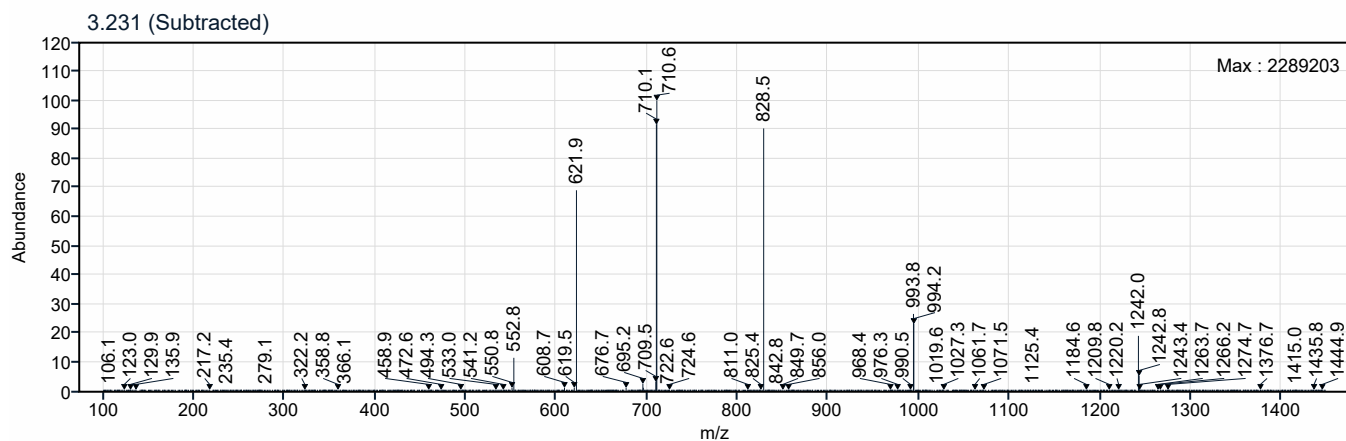
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.109	MM m	0.2663	20.3644	3.4927	100.0000
Sum			20.3644		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.231 min **Area %:** 100.00%



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

Peak RT: 3.418 min **Area %:** 100.00%

