

TEST REPORT



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TR30-20260807S0456

Sample Received: 2026-08-07

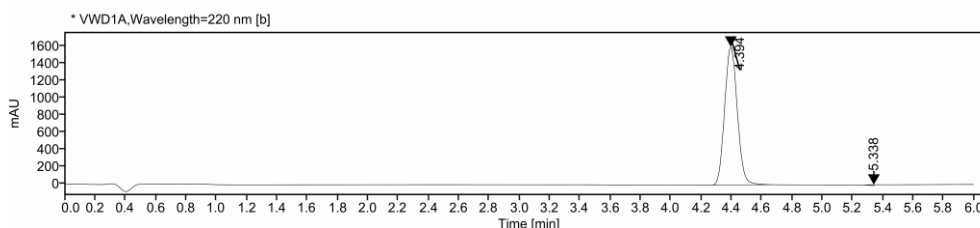
Authentication Code:

Analysis date: 2026-08-07



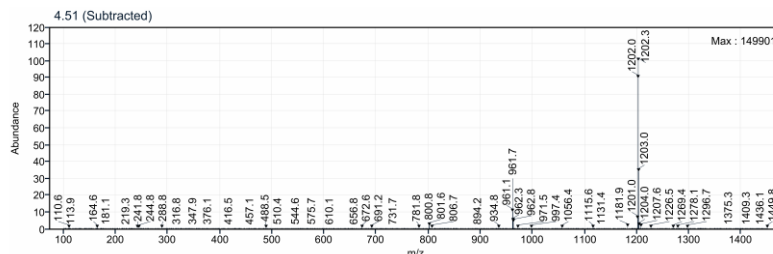
Compound	TR30/Tirzepatide	CAS Number	2023788-19-2
Formula	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈	Molecular Weight	4813.45
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.394	MM m	0.4333	9297.2485	1602.9491	99.7425
5.338	MM m	0.0722	24.0053	10.4212	0.2575
Sum			9321.2538		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.74%
Mass Spectrum	Conforms to [M-4H] ⁴⁻	Detected
Peptide Weight	32.71 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: TR30.dx

Sample name: TR30

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

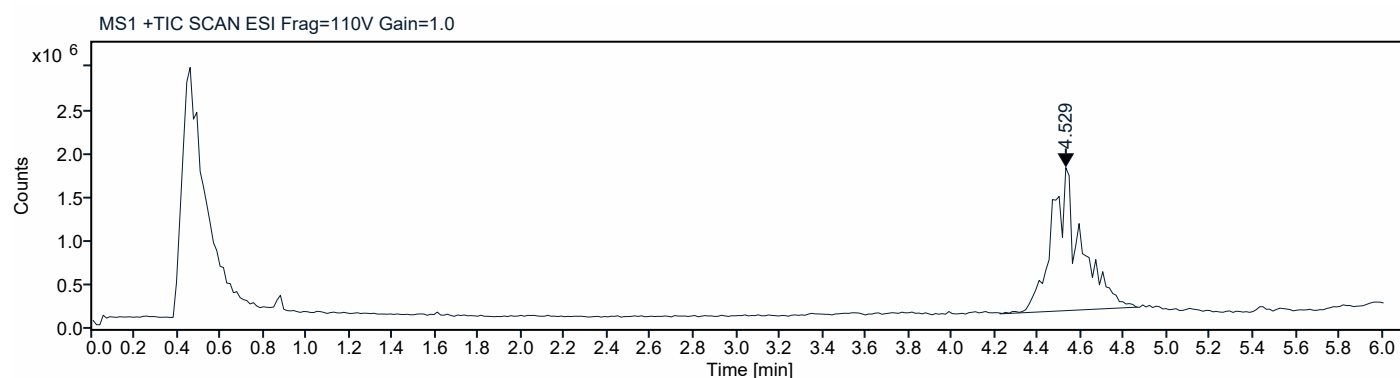
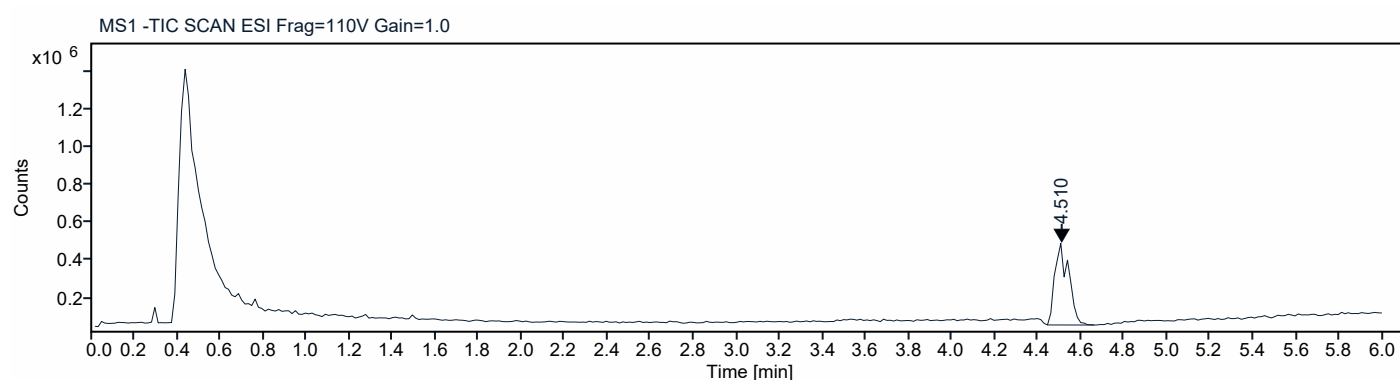
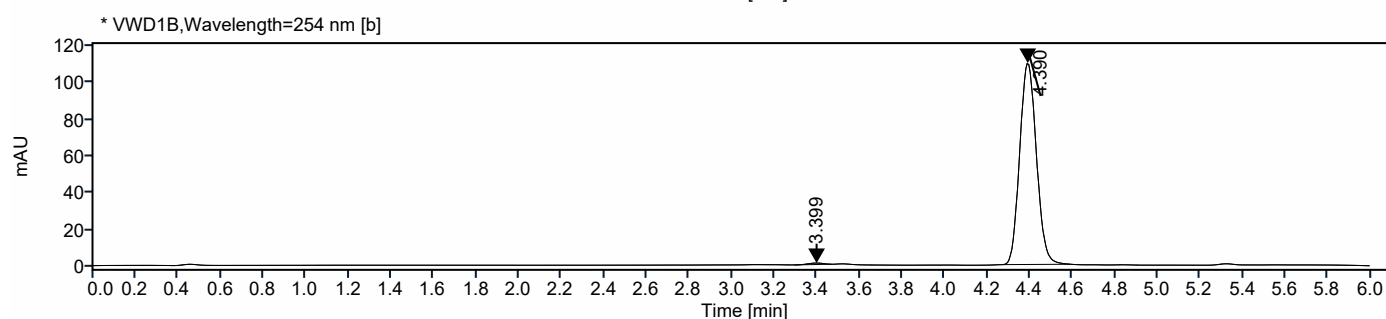
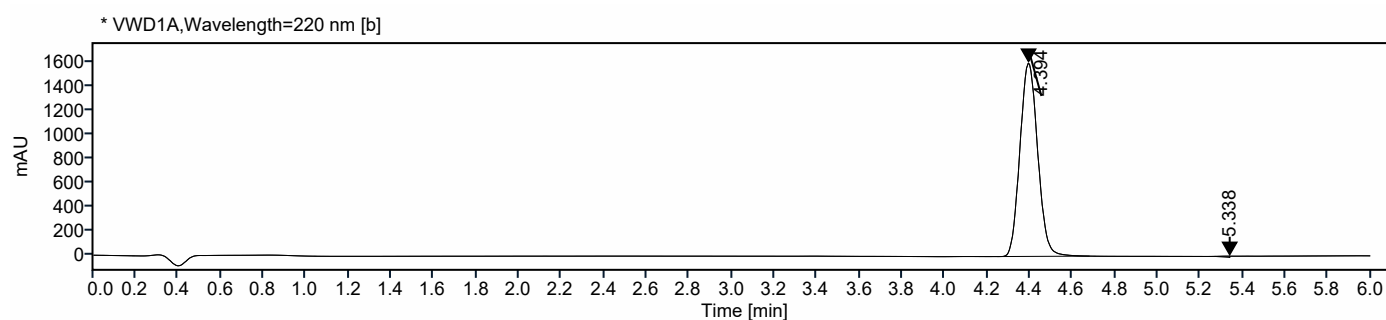
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-08-07 15:53:20+08:00

Location: P1-C1



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.529	VM m	0.6395	15927047.47 50	1636658.17 96	100.0000
Sum			15927047.47 50		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.510	BB	0.2175	1949675.37 97	433014.8061	100.0000
Sum			1949675.37 97		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.394	MM m	0.4333	9297.2485	1602.9491	99.7425
5.338	MM m	0.0722	24.0053	10.4212	0.2575
Sum			9321.2538		

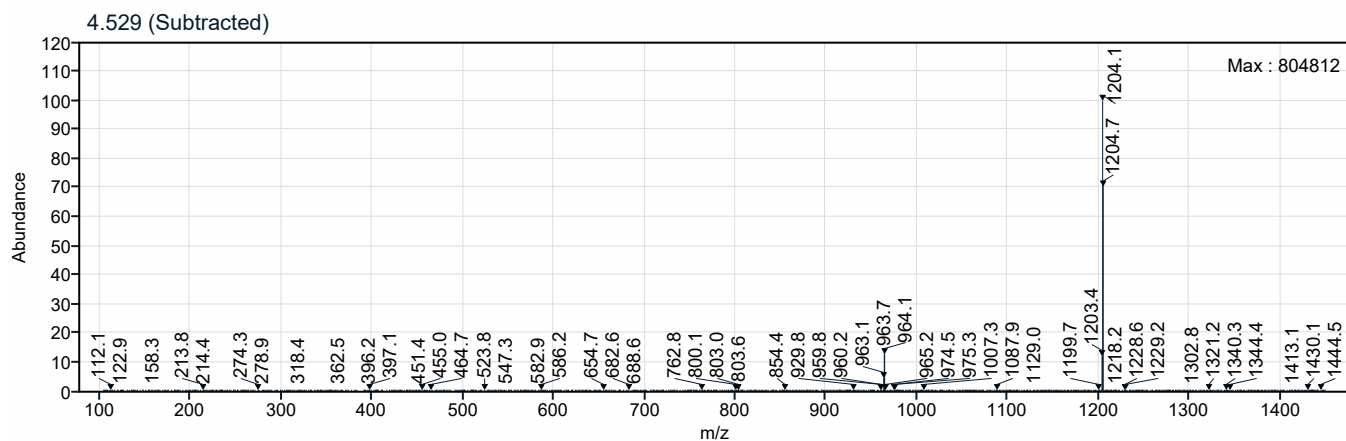
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.399	MM m	0.1715	3.7795	0.7898	0.6289
4.390	MM m	0.3204	597.1505	109.4971	99.3711
Sum			600.9300		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.529 min **Area %:** 100.00%



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

Peak RT: 4.510 min **Area %:** 100.00%

