



TEST REPORT

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TR30-20260731S0925

Sample Received: 2026-07-30

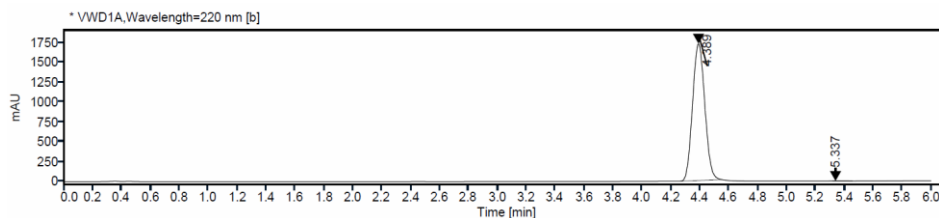
Authentication Code:

Analysis date: 2026-07-31



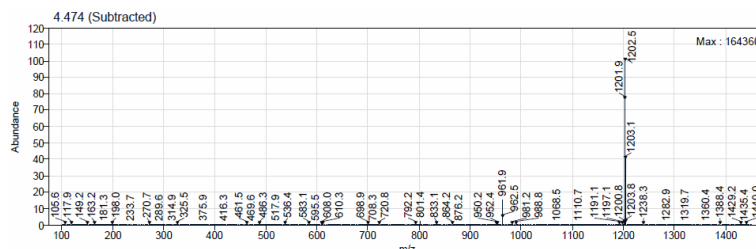
Compound	TR30/Tirzepatide	CAS Number	2023788-19-2
Formula	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈	Molecular Weight	4813.45
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.389	MM m	0.2888	10154.2467	1727.1581	99.9929
5.337	MB m	0.1397	0.7185	0.5878	0.0071
Sum			10154.9652		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.99%
Mass Spectrum	Conforms to [M-H] ⁴⁻	Detected
Peptide Weight	32.68 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

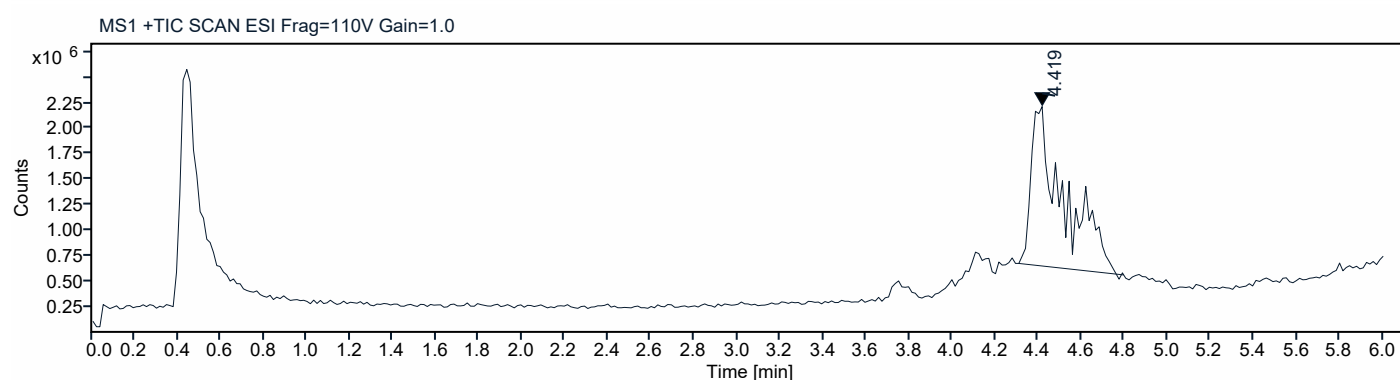
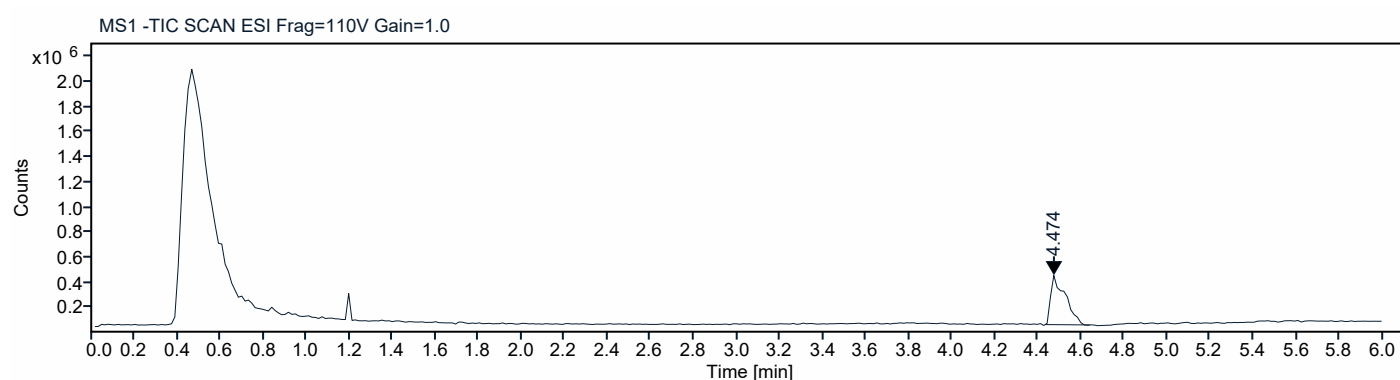
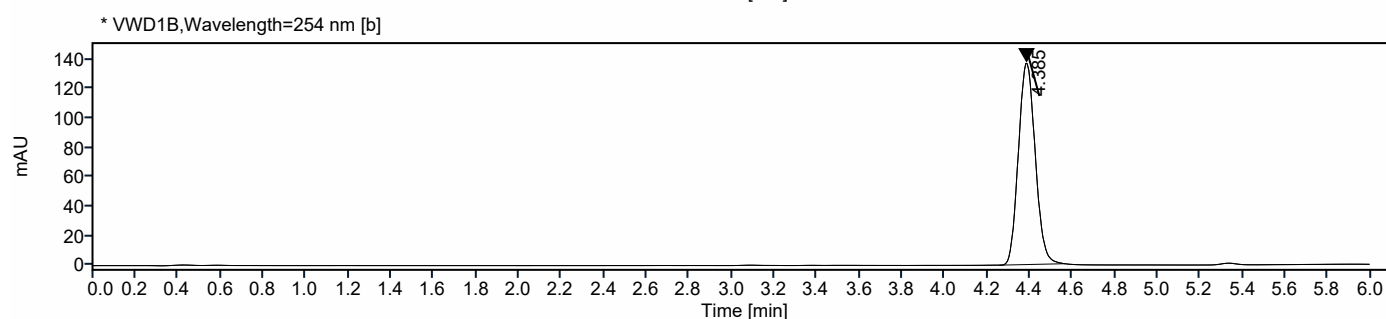
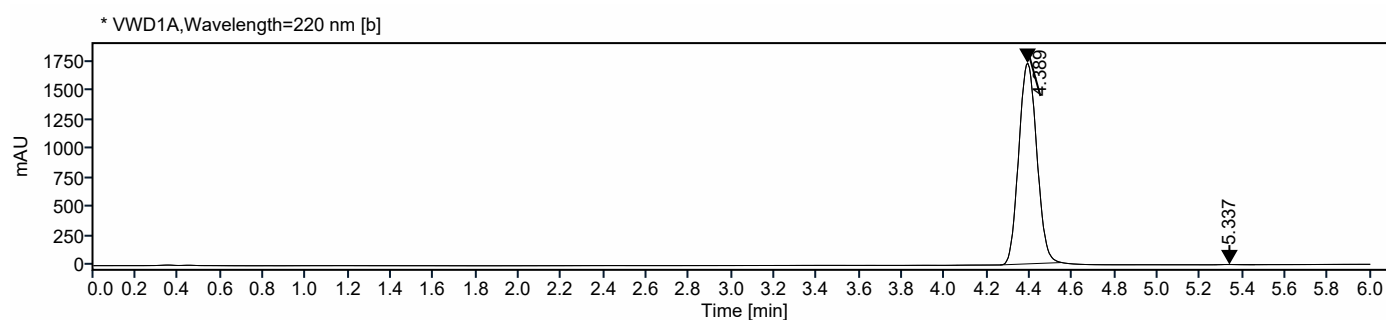
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-07-31 11:51:00+08:00

Location: P1-C5



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.419	MM m	0.4876	16392458.3682	1567346.2531	100.0000
Sum			16392458.3682		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.474	MM m	0.2071	1824155.6724	392534.4562	100.0000
Sum			1824155.6724		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.389	MM m	0.2888	10154.2467	1727.1581	99.9929
5.337	MB m	0.1397	0.7185	0.5878	0.0071
Sum			10154.9652		

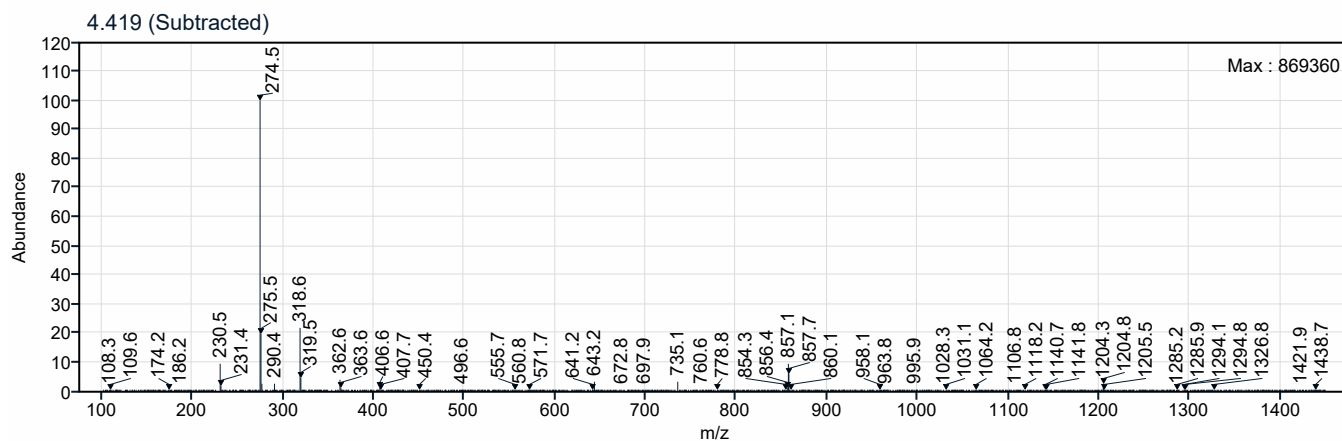
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.385	MM m	0.3069	750.6747	137.0182	100.0000
Sum			750.6747		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.419 min **Area %:** 100.00%



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

Peak RT: 4.474 min **Area %:** 100.00%

