



TEST REPORT

E: contact@tjxgd.com

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TR50-20260831S4288

Sample Received: 2026-08-31

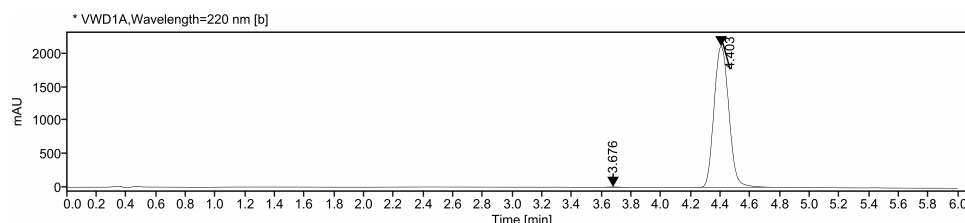
Authentication Code:

Analysis date: 2026-09-01



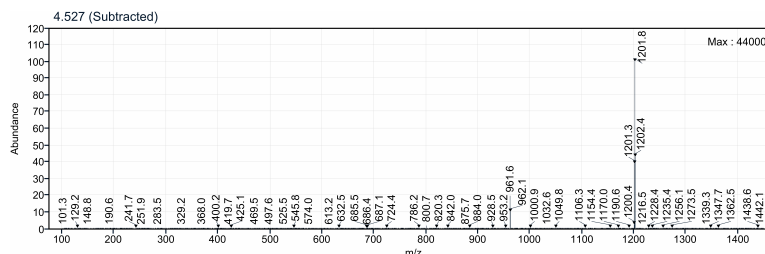
Compound	TR50/Tirzepatide	CAS Number	2023788-19-2
Formula	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈	Molecular Weight	4813.45
Manufacturer	JAMES JPEP		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.676	MM m	0.2527	35.8029	5.7801	0.2443
4.403	MM m	0.5100	14617.0937	2113.7170	99.7557
Sum			14652.8965		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.75%
Mass Spectrum	Conforms to [M-4H] ⁴⁻	Detected
Peptide Weight	52.69 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: TR50.dx

Sample name: TR50

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

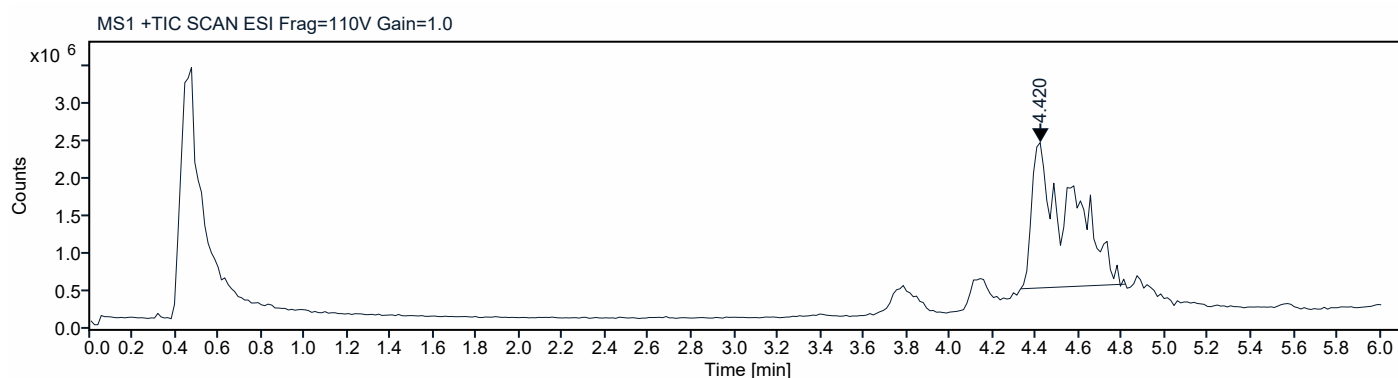
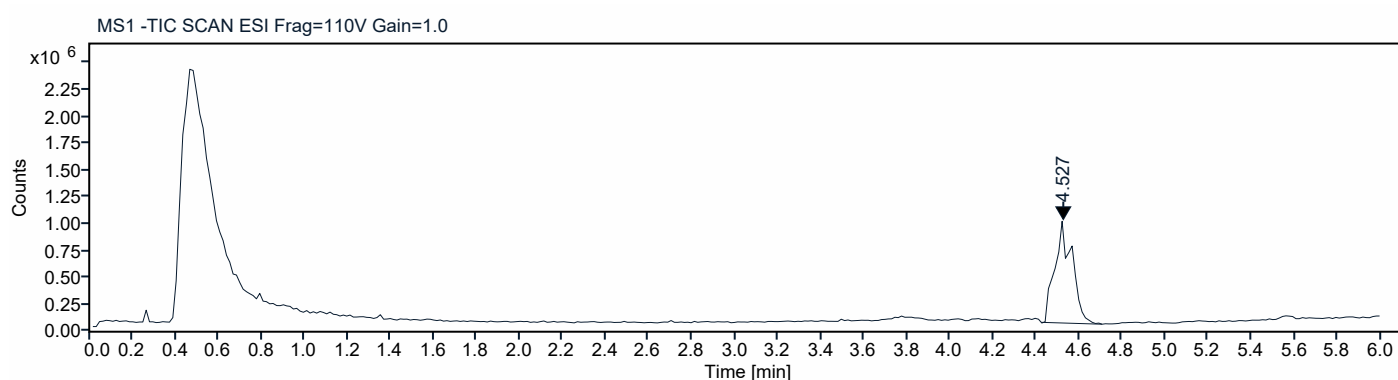
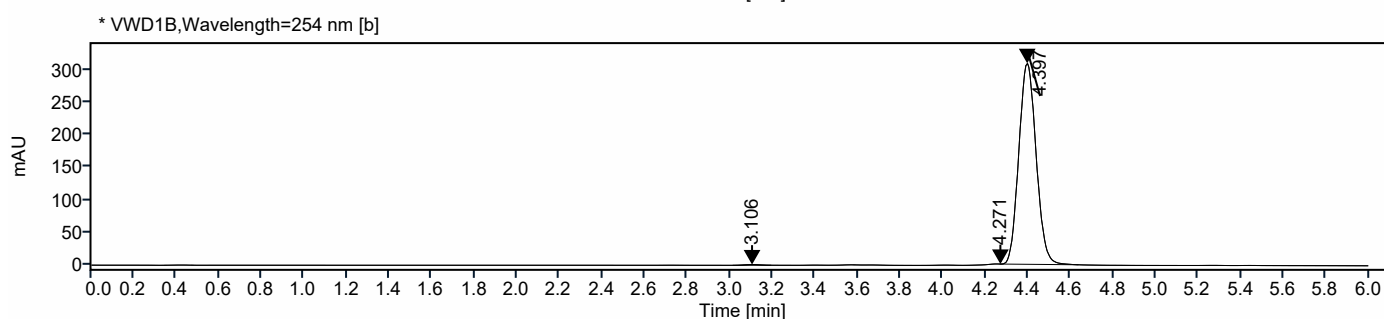
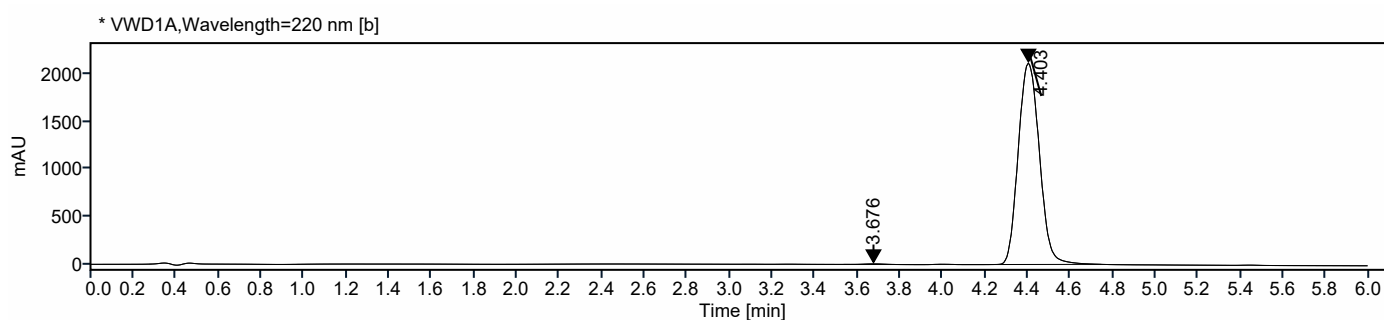
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-01 07:57:08+08:00

Location: P2-D2



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.420	MM m	0.4876	24465249.6802	1940880.9238	100.0000
Sum			24465249.6802		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.527	MB m	0.2824	5326564.3013	953473.6316	100.0000
Sum			5326564.3013		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.676	MM m	0.2527	35.8029	5.7801	0.2443
4.403	MM m	0.5100	14617.0937	2113.7170	99.7557
Sum			14652.8965		

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

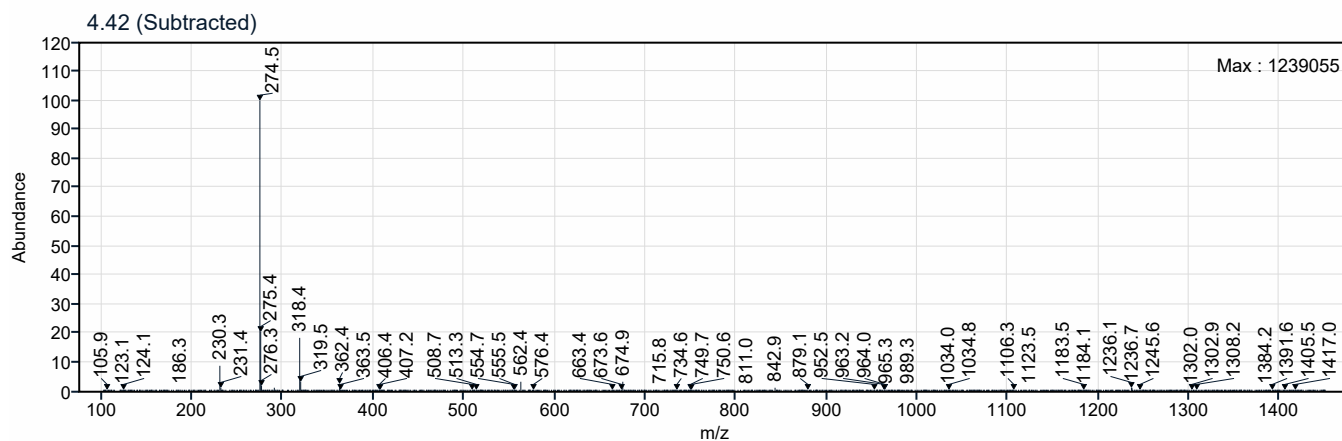
RT [min]	Type	Width [min]	Area	Height	Area%
3.106	MM m	0.1805	5.4715	1.1148	0.3120
4.271	MM n	0.0057	0.0057	0.0273	0.0003
4.397	MM m	0.3643	1748.0074	308.8482	99.6876
Sum			1753.4846		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.420 min

Area %: 100.00%



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

Peak RT: 4.527 min

Area %: 100.00%

