

E: contact@tjqxgd.comW: www.tjqxgd.com

TEST REPORT

TR20-20260917S8803

Sample Received: 2026-09-17

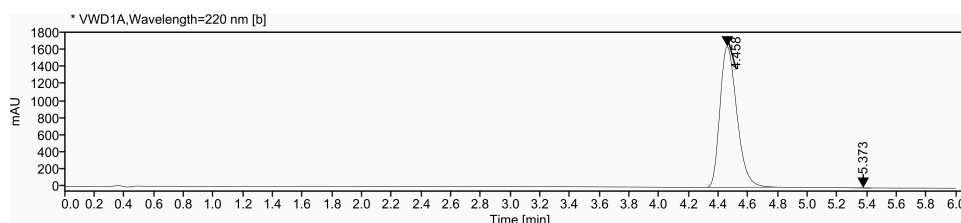
Authentication Code:

Analysis date: 2026-09-18



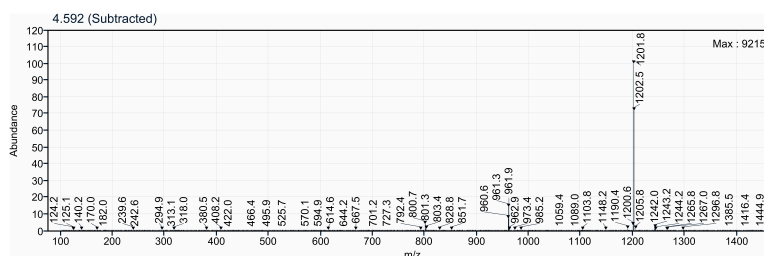
Compound	TR20/Tirzepatide	CAS Number	2023788-19-2
Formula	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈	Molecular Weight	4813.45
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.458	MM m	0.5235	13083.3276	1657.1380	99.7986
5.373	MM m	0.1760	26.4029	4.1603	0.2014
Sum			13109.7305		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.79%
Mass Spectrum	Conforms to [M-4H] ⁴⁻	Detected
Net Content	21.06 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: TR20.dx

Sample name: TR20

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

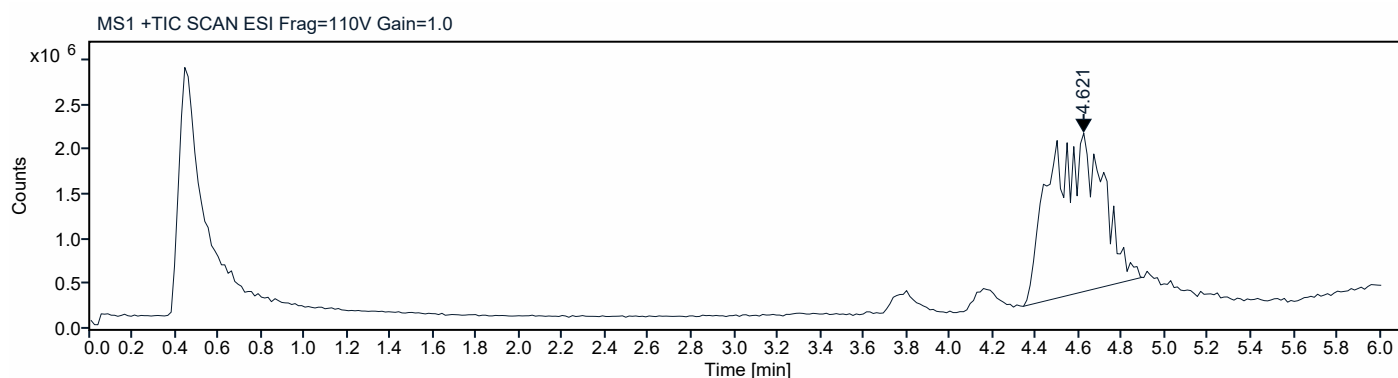
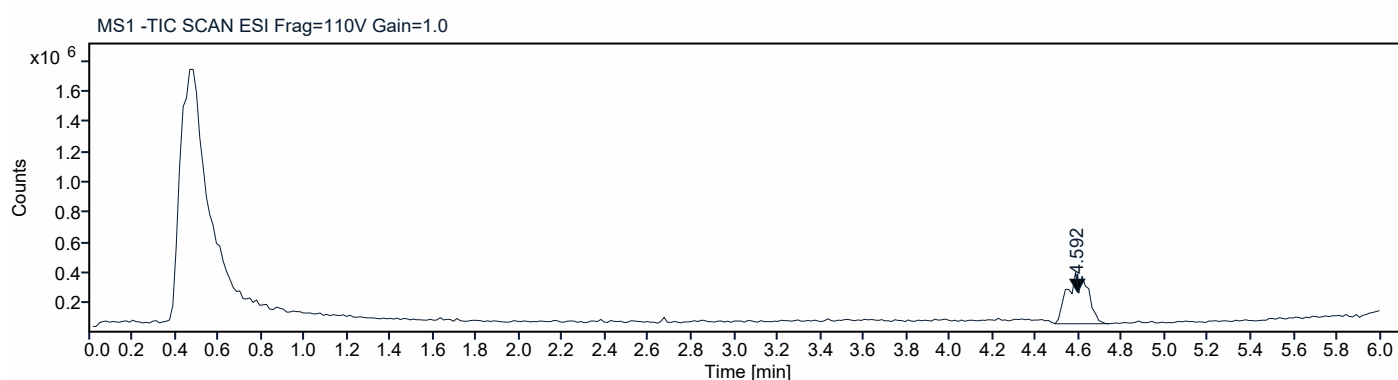
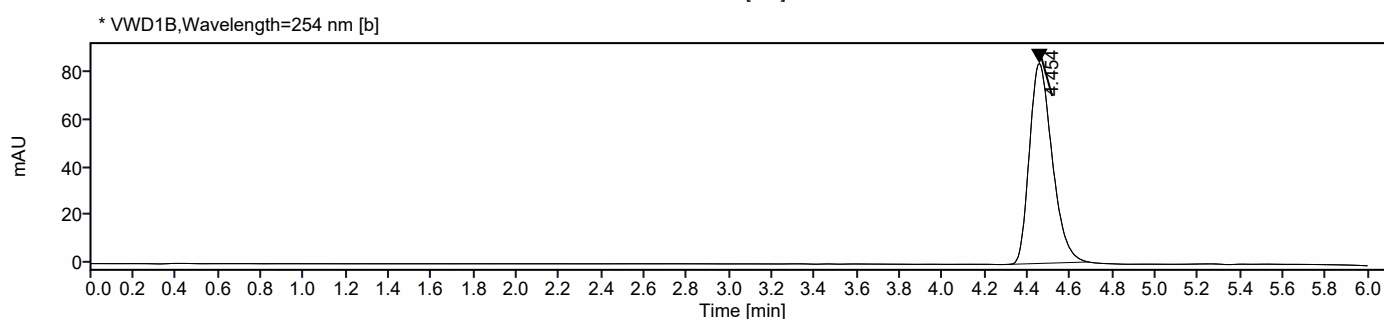
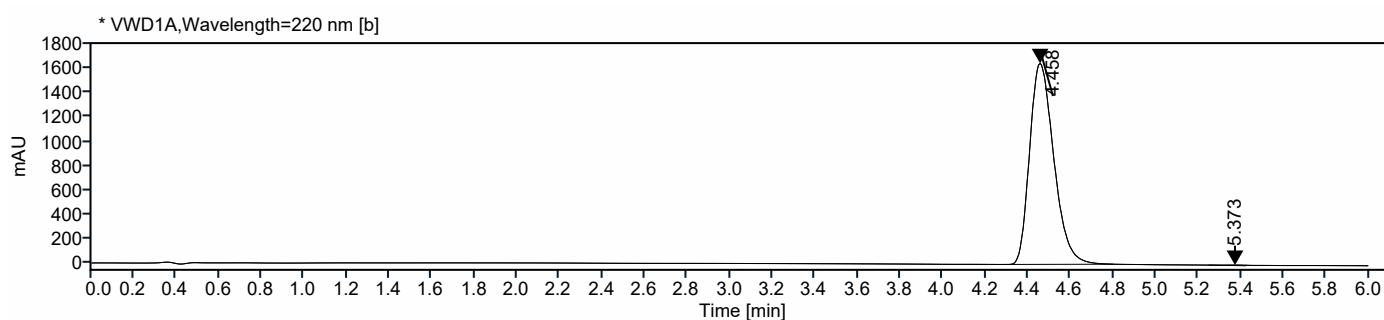
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-18 16:11:04+08:00

Location: P1-E1



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.621	MM m	0.5508	30718231.64 46	1770566.61 63	100.0000
Sum			30718231.64 46		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.592	BB	0.2485	2198442.46 08	203134.3250	100.0000
Sum			2198442.46 08		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.458	MM m	0.5235	13083.3276	1657.1380	99.7986
5.373	MM m	0.1760	26.4029	4.1603	0.2014
Sum			13109.7305		

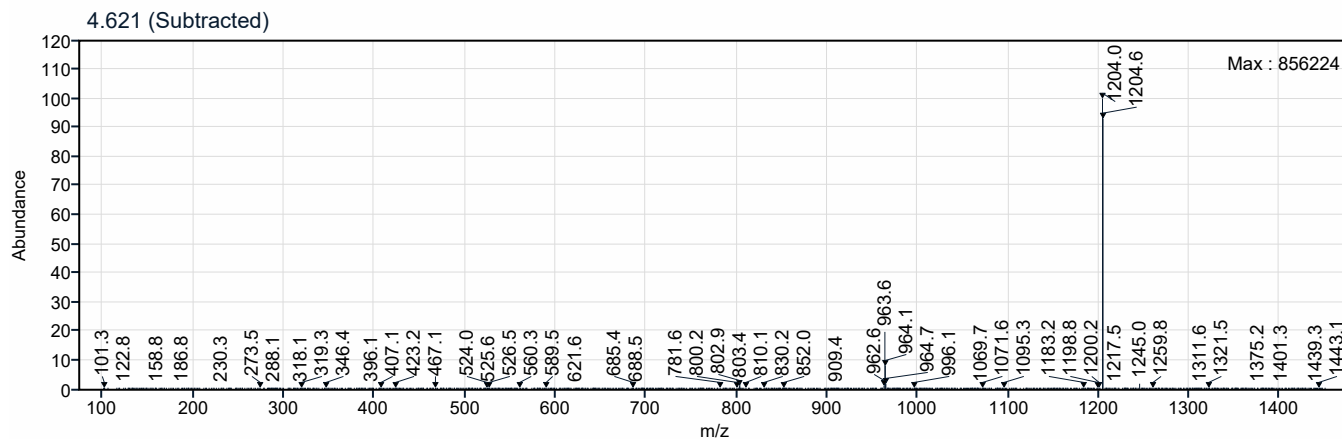
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.454	MM m	0.4017	621.6921	83.8035	100.0000
Sum			621.6921		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.621 min **Area %:** 100.00%



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

Peak RT: 4.592 min **Area %:** 100.00%

