



TEST REPORT

TR20-20260901S8240

Authentication Code:

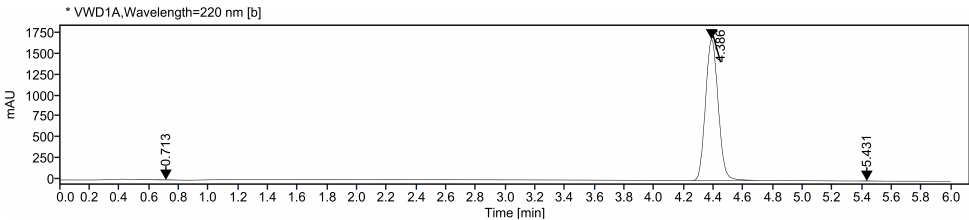
Sample Received: 2026-09-01

Analysis date: 2026-09-02



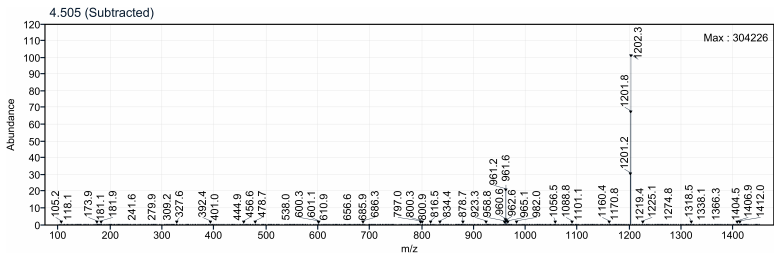
Compound	TR20/Tirzepatide	CAS Number	2023788-19-2
Formula	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈	Molecular Weight	4813.45
Manufacturer	Pepperation Station		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.713	BB	0.3267	22.0731	2.0867	0.2215
4.386	MM m	0.4919	9930.9387	1673.4973	99.6581
5.431	MM m	0.2211	11.9954	2.5066	0.1204
Sum			9965.0071		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.65%
Mass Spectrum	Conforms to [M-4H] ⁴⁻	Detected
Peptide Weight	21.95 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

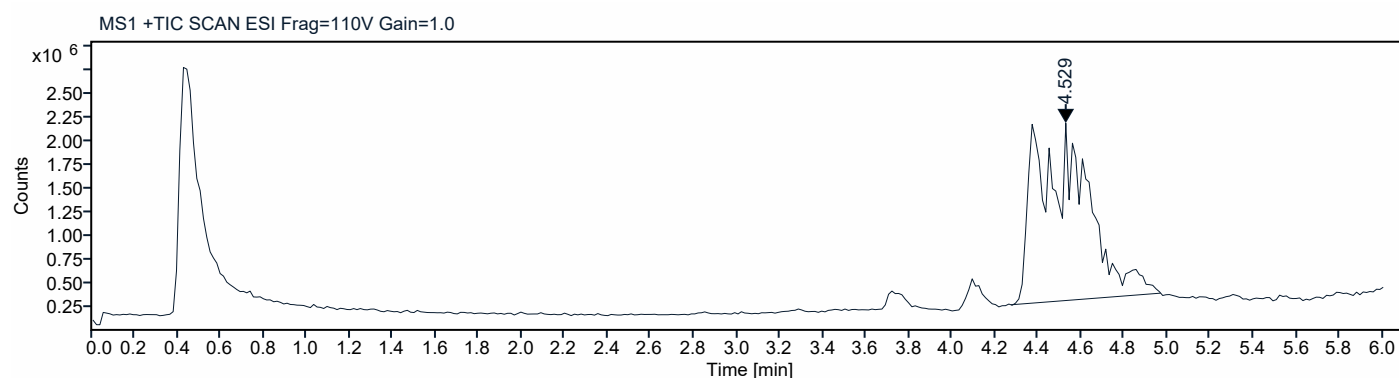
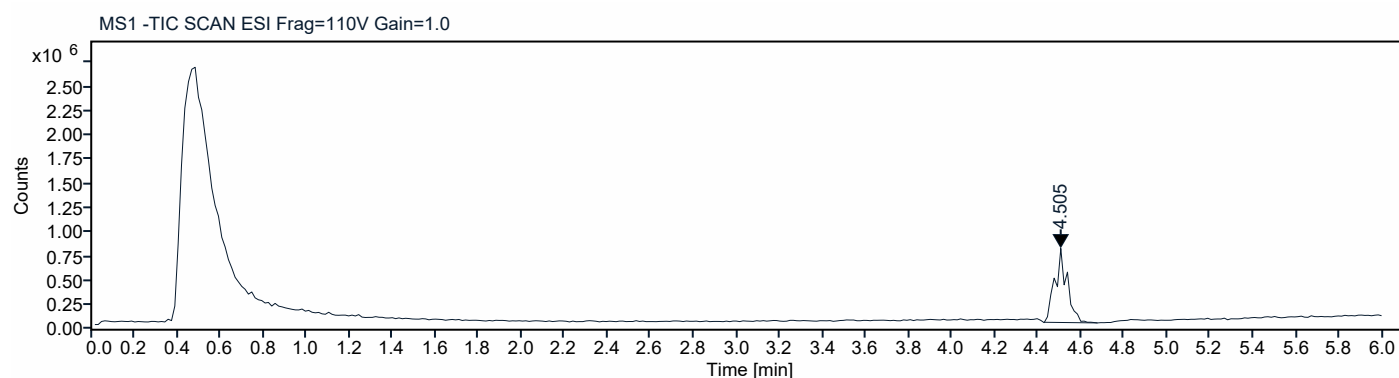
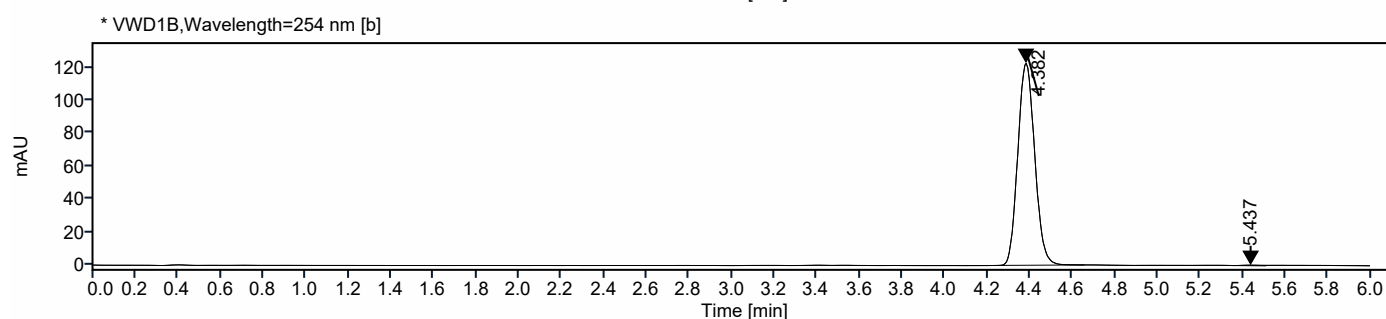
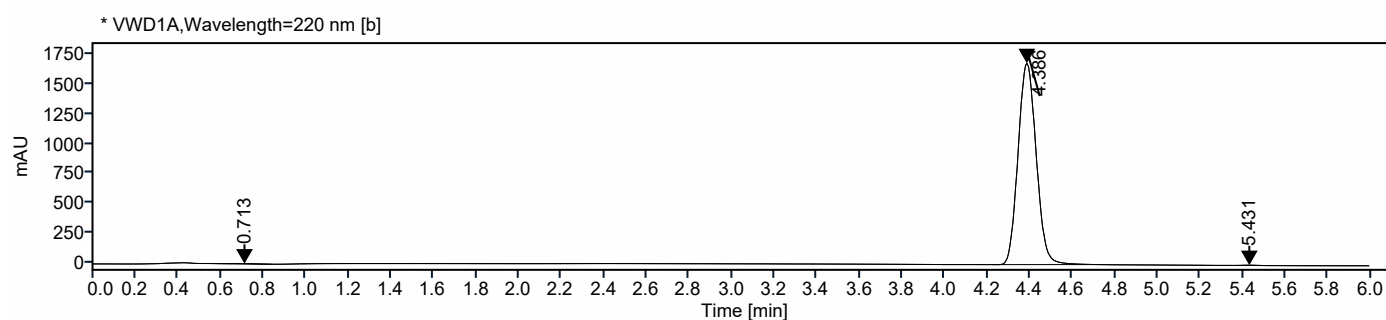
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-02 18:51:47+08:00

Location: P2-B2



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.529	MM m	0.6952	30781212.74 64	1880438.27 82	100.0000
Sum			30781212.74 64		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.505	MB m	0.2476	3057460.73 12	763744.6046	100.0000
Sum			3057460.73 12		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.713	BB	0.3267	22.0731	2.0867	0.2215
4.386	MM m	0.4919	9930.9387	1673.4973	99.6581
5.431	MM m	0.2211	11.9954	2.5066	0.1204
Sum			9965.0071		

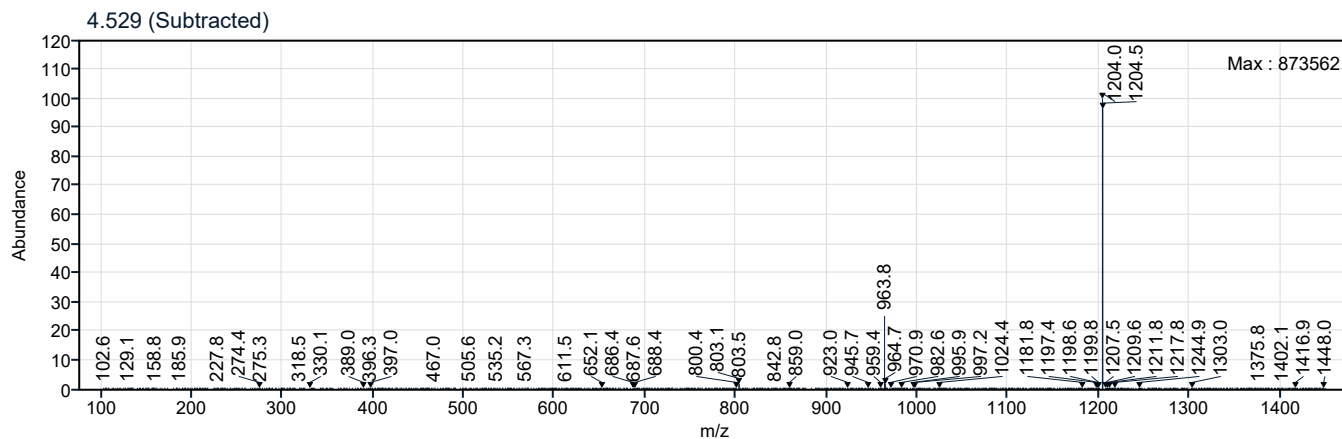
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.382	MM m	0.4017	676.6136	122.5808	99.6999
5.437	MM m	0.1625	2.0368	0.3052	0.3001
Sum			678.6504		

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: 4.505 min **Area %:** 100.00%

