

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

TEST REPORT

TR20-20261019S9347

Sample Received: 2026-10-19

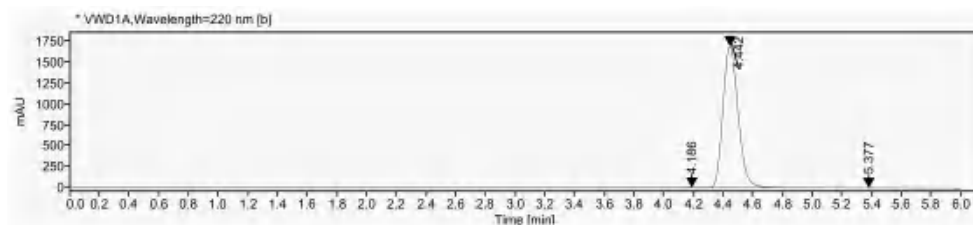
Authentication Code:

Analysis date: 2026-10-20

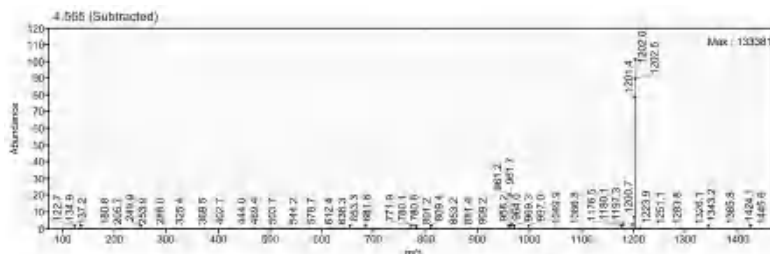


Compound	TR20/Tirzepatide	CAS Number	2023788-19-2
Formula	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈	Molecular Weight	4813.45
Manufacturer	CorePeptide	Batch Number	PPA-CP-TR20-C1001

HPLC-MS Details:



RT [min]	Type	Width [min]	Area	Height	Area%
4.186	MM m	0.2813	10.2841	1.3847	0.0853
4.442	MM m	0.6096	12047.7890	1598.7469	99.8726
5.377	MM m	0.3154	5.0542	0.5173	0.0421
Sum			12063.1072		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.87%
Mass Spectrum	Conforms to [M-4H] ⁴⁻	Detected
Net Content	20.91 mg	

PENG

Zhibo Li

Peng Gao, Data Compilation

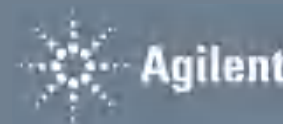
Zhibo Li, Technical Review

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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

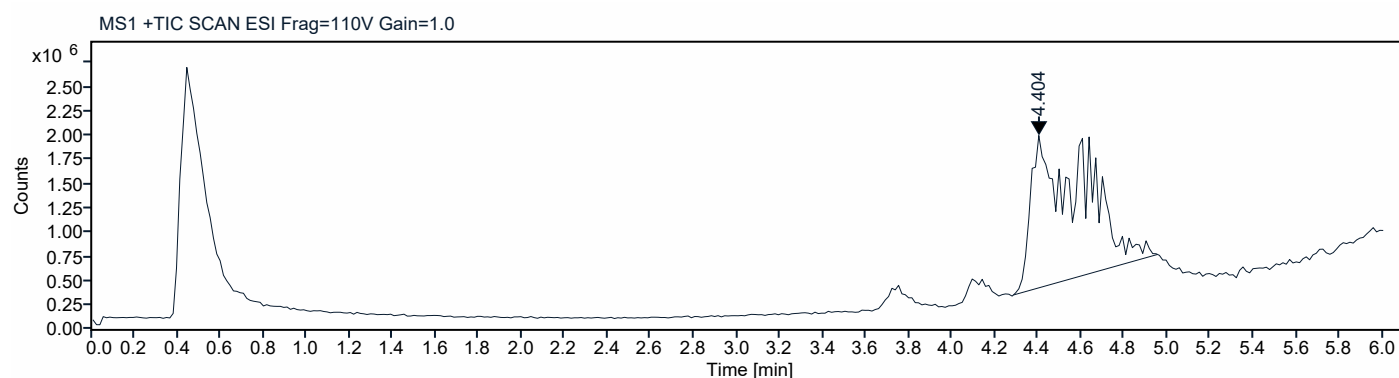
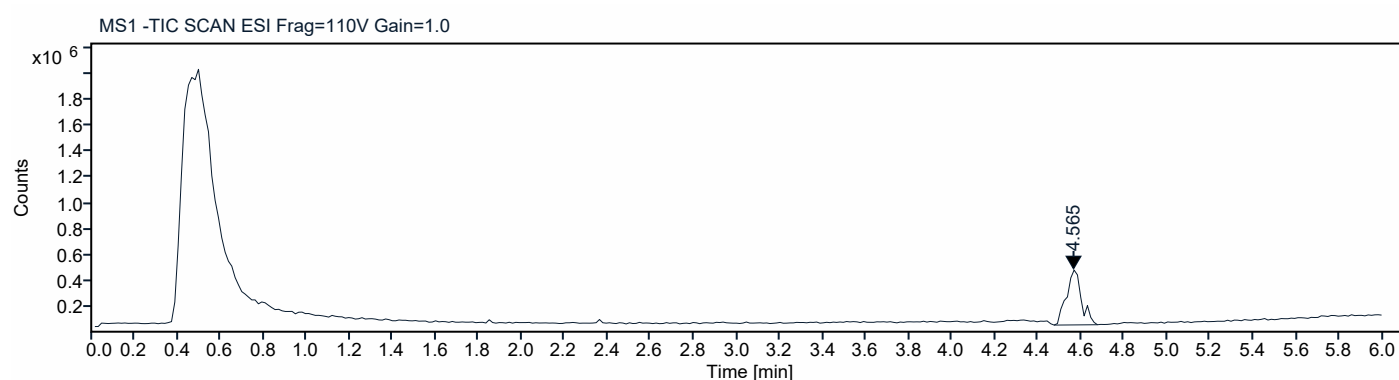
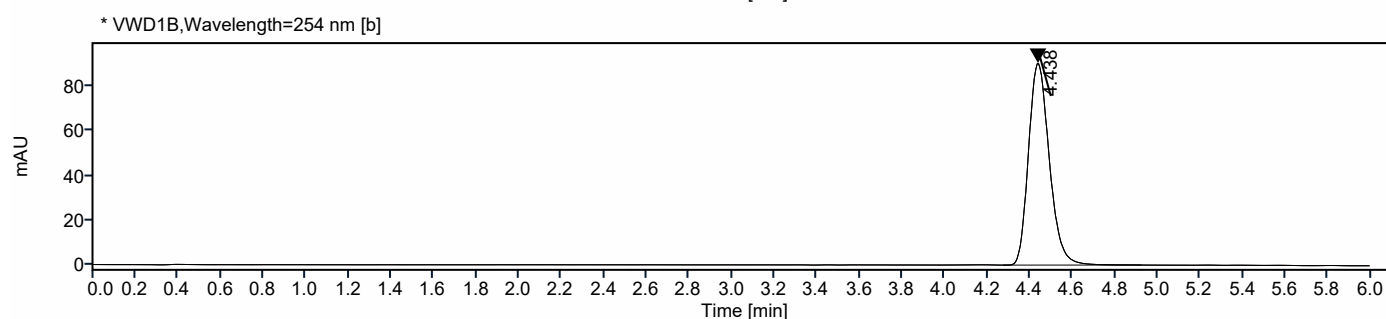
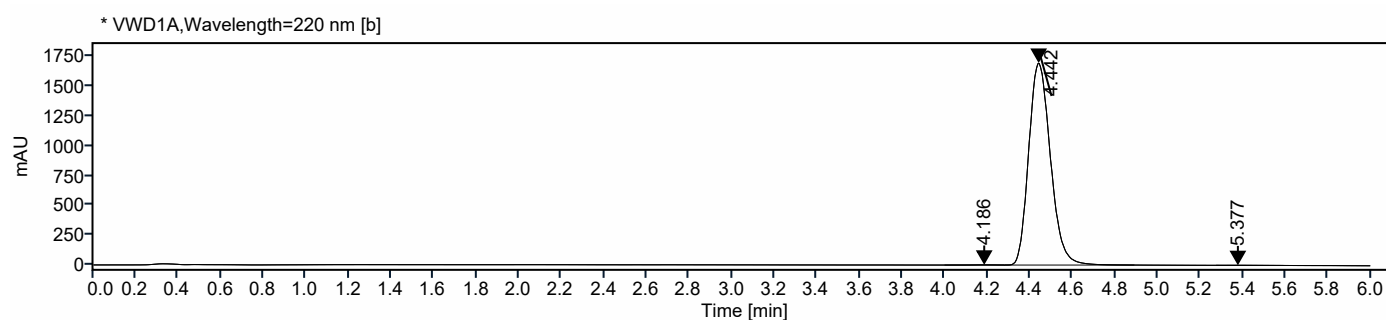
Processing method: LCMS-LJJ.pmx

Project name: 2026

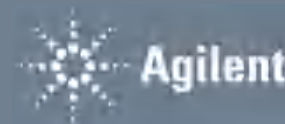
Operator: admin

Acquired on: 2026-10-20 23:00:30+08:00

Location: P1-E5



LCMS Sample Purity - Detailed Report



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.404	MM m	0.6695	25865276.83 77	1571337.23 64	100.0000
Sum			25865276.83 77		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.565	BB	0.2020	2067422.91 44	424093.3624	100.0000
Sum			2067422.91 44		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.186	MM m	0.2813	10.2841	1.3847	0.0853
4.442	MM m	0.6096	12047.7390	1698.7469	99.8726
5.377	MM m	0.3154	5.0842	0.5173	0.0421
Sum			12063.1072		

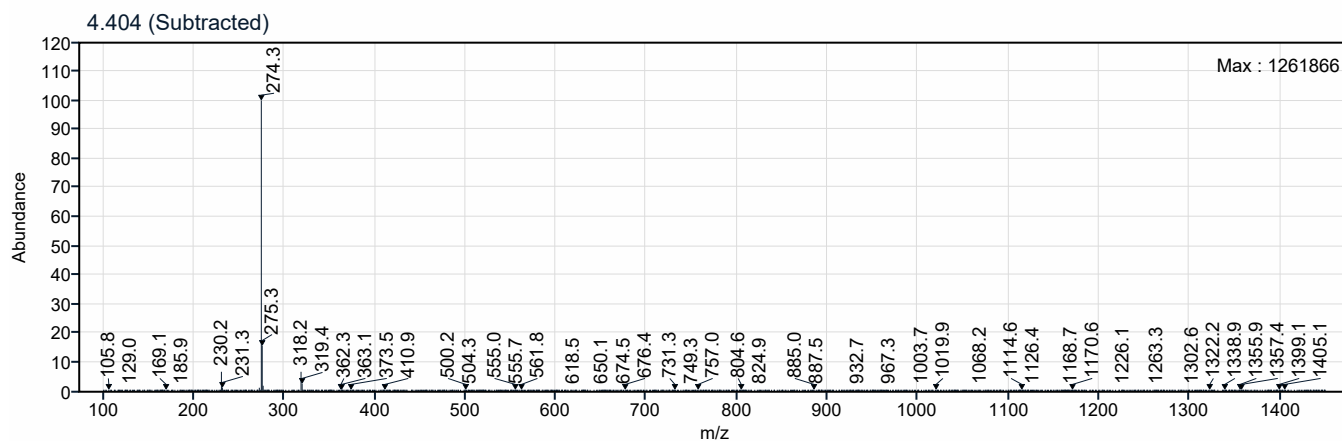
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.438	BM m	0.6501	616.9077	90.8779	100.0000
Sum			616.9077		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.404 min **Area %:** 100.00%



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

Peak RT: 4.565 min **Area %:** 100.00%

