TEST REPORT

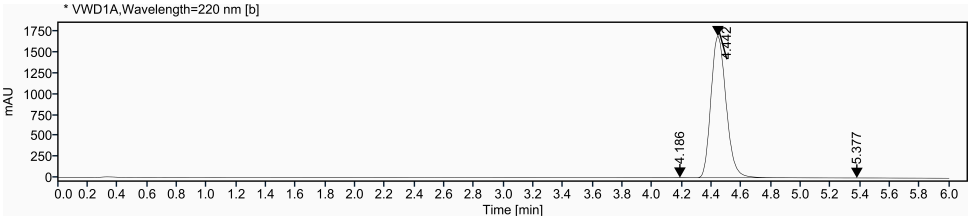
E: contact@tjqxgd.com
W: www.tjqxgd.com

TR20-20261019S9347 **Sample Received: 2026-10-19**

Authentication Code: **Analysis date: 2026-10-20**

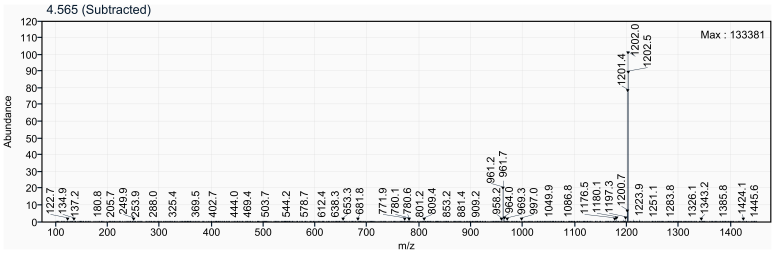
Compound	TR20/Tirzepatide	CAS Number	2023788-19-2
Formula	$C_{225}H_{348}N_{48}O_{68}$	Molecular Weight	4813.45
Manufacturer	CorePeptide	Batch Number	PPA-CP-TR20-C1001

HPLC-MS Details:



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**		



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 Gao, Data Compilation Zhibo Li, Technical Review

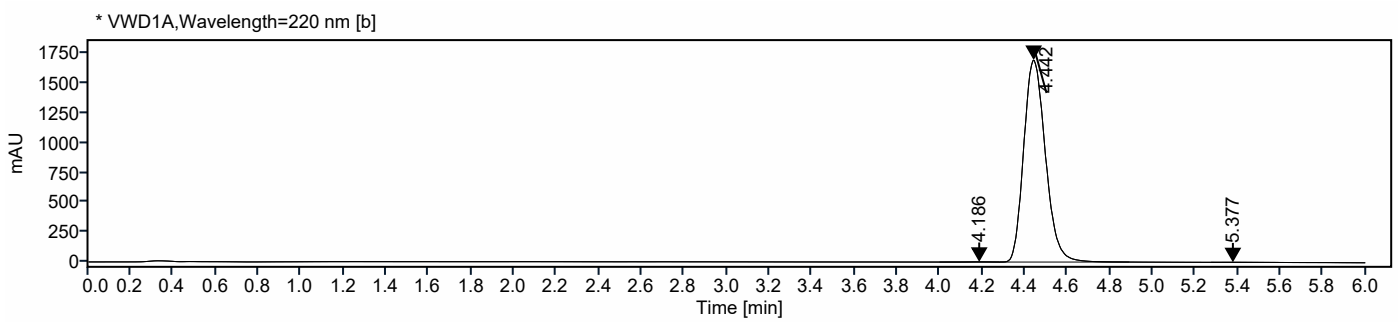
重要声明 / Important Notice

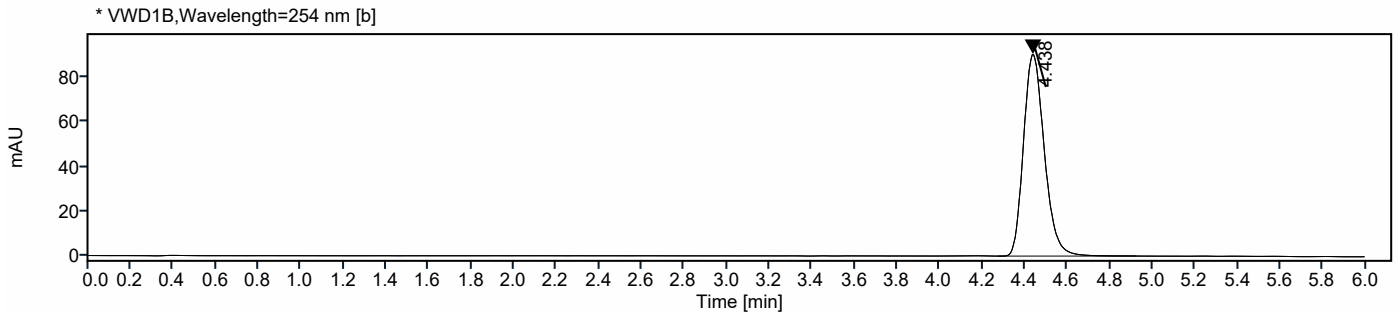
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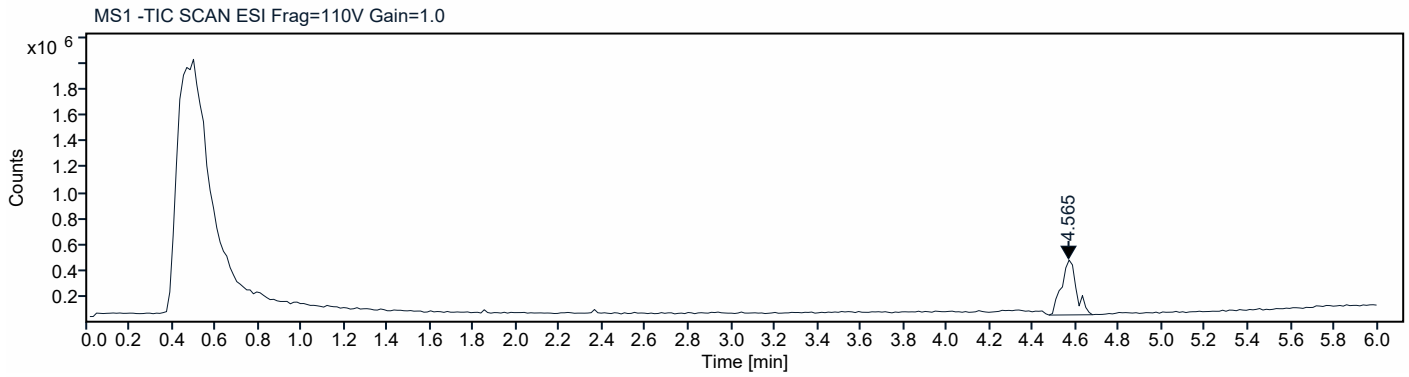
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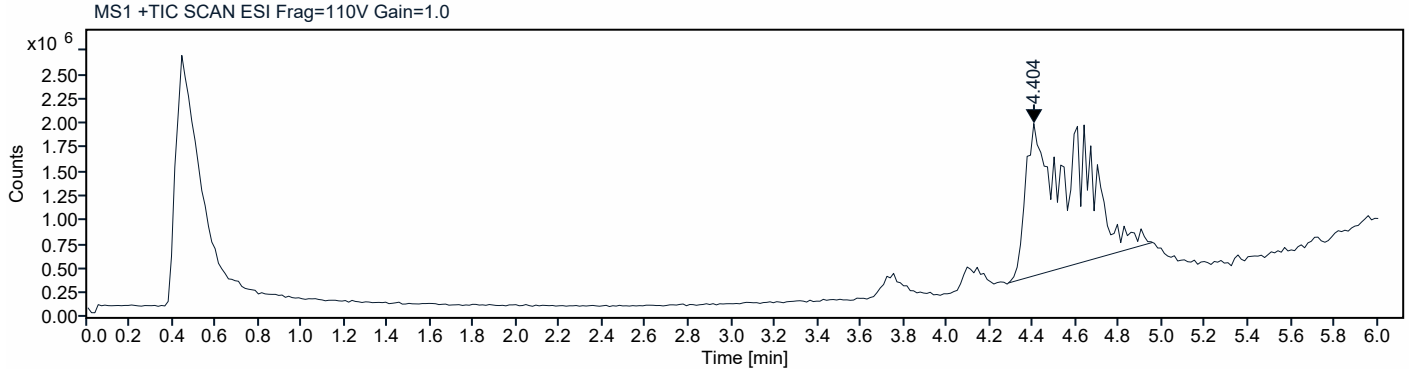
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TR20.dx	**Project name:**	2026
Sample name:	TR20	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-20 23:00:30+08:00
Inj. volume:	5.000 µL	**Location:**	P1-E5
Acq. method:	LCMS-02AB.amx		
Processing method:	LCMS-LJJ.pmx		









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

RT [min]	Type	Width [min]	Area	Height	Area%
4.404	MM m	0.6695	25865276.8377	1571337.2364	100.0000
		Sum	**25865276.8377**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.565	BB	0.2020	2067422.9144	424093.3624	100.0000
		Sum	**2067422.9144**		

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**		

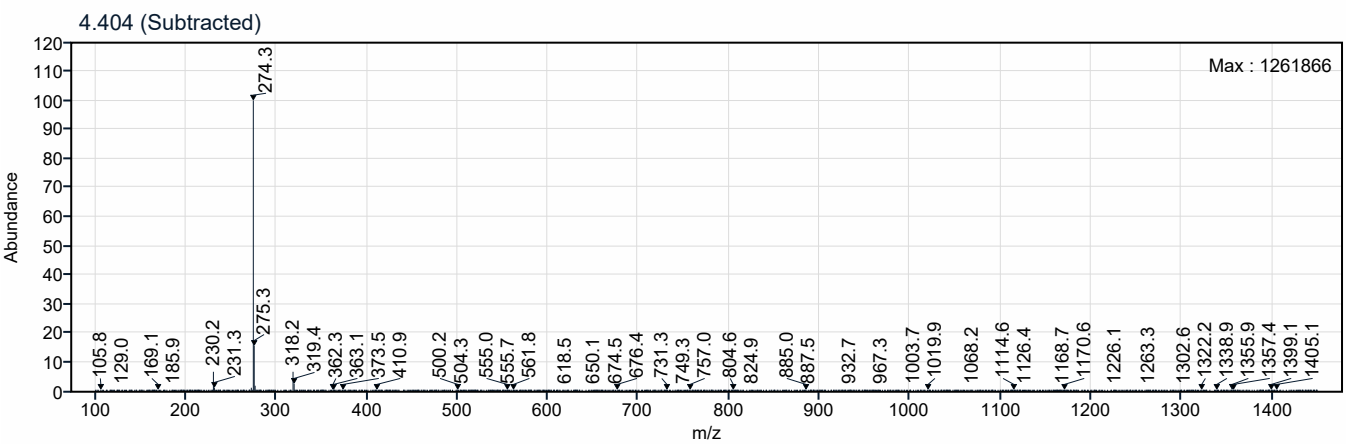
Signal: * VWD1B,Wavelength=254 nm [b]

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%

