TEST REPORT

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

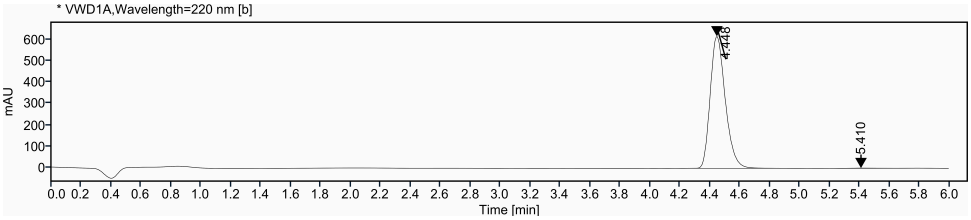
TR5-2026102175001 **Sample Received: 2026-10-21**

Authentication Code: **Analysis date: 2026-10-22**



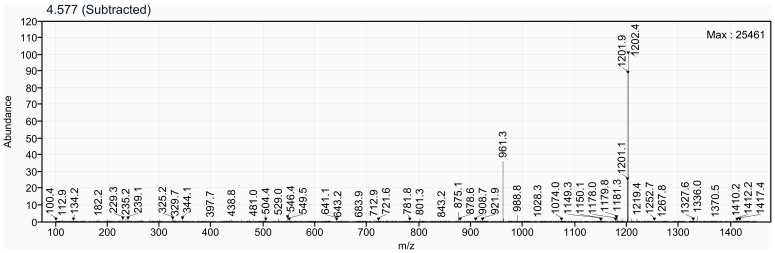
Compound	TR5/Tirzepatide	CAS Number	2023788-19-2
Formula	$C_{225}H_{348}N_{48}O_{68}$	Molecular Weight	4813.45
Manufacturer	Protides Biotech Jamaica		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.448	MM m	0.6224	4318.2871	617.4057	99.7364
5.410	MM m	0.4135	11.4134	0.9626	0.2636
		Sum	**4329.7005**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.73%
Mass Spectrum	Conforms to $[M-4H]^{4-}$	Detected
Net Content	6.17 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

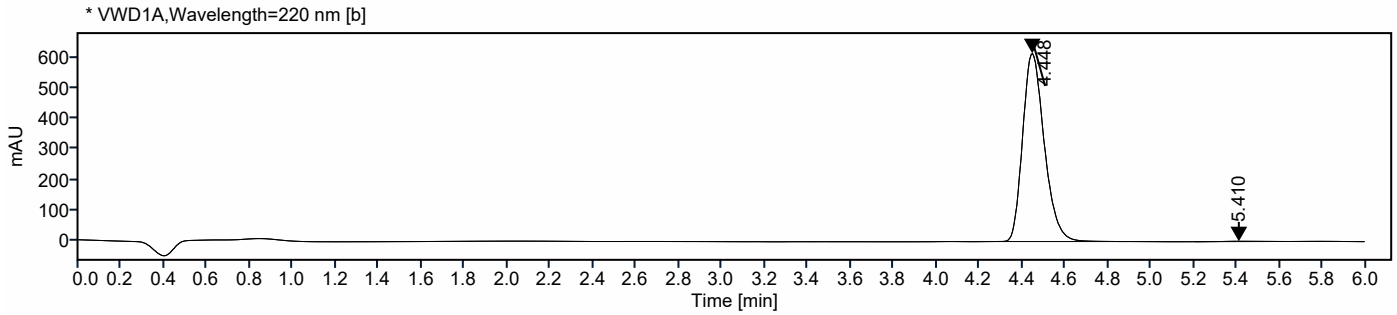
重要声明 / Important Notice

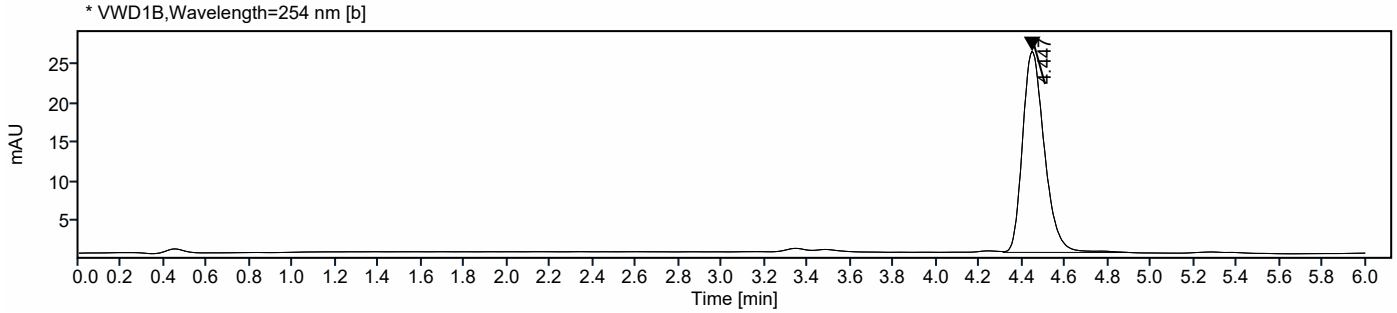
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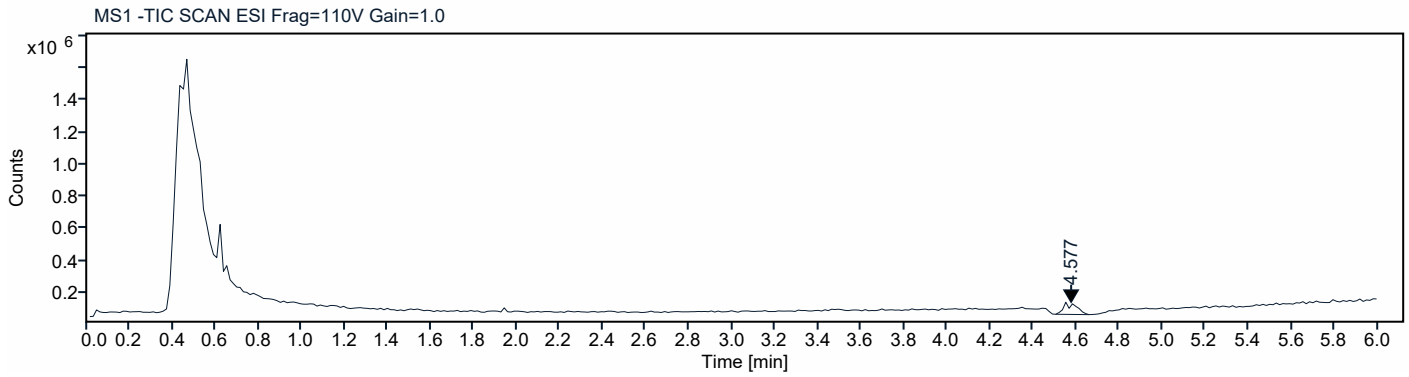
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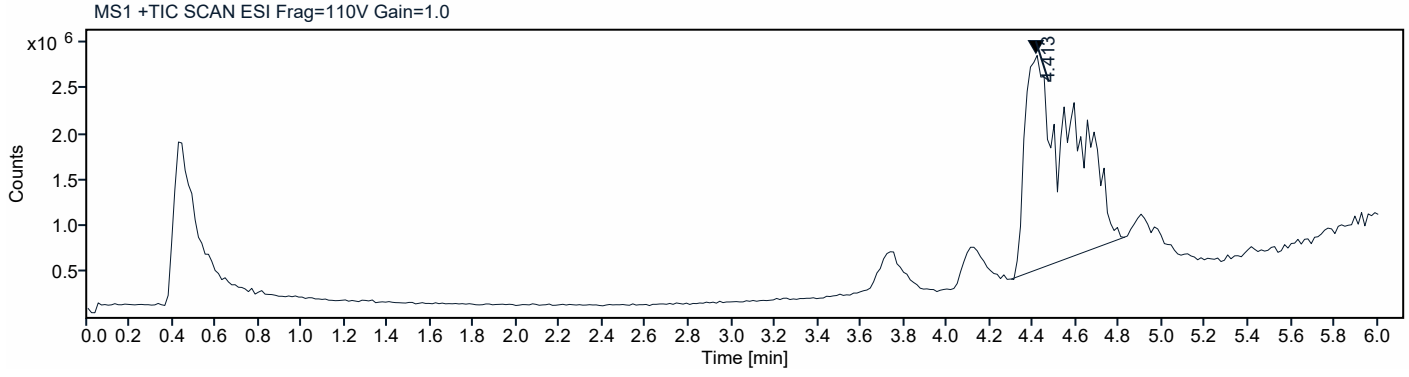
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TR5.dx	**Project name:**	2026
Sample name:	TR5	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-22 13:15:58+08:00
Inj. volume:	5.000 µL	**Location:**	P1-E3
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%
4.413	MM m	0.5288	35326077.1199	2345441.2215	100.0000
		Sum	**35326077.1199**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.577	BB	0.1553	306247.7103	66504.4264	100.0000
		Sum	**306247.7103**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.448	MM m	0.6224	4318.2871	617.4057	99.7364
5.410	MM m	0.4135	11.4134	0.9626	0.2636
		Sum	**4329.7005**		

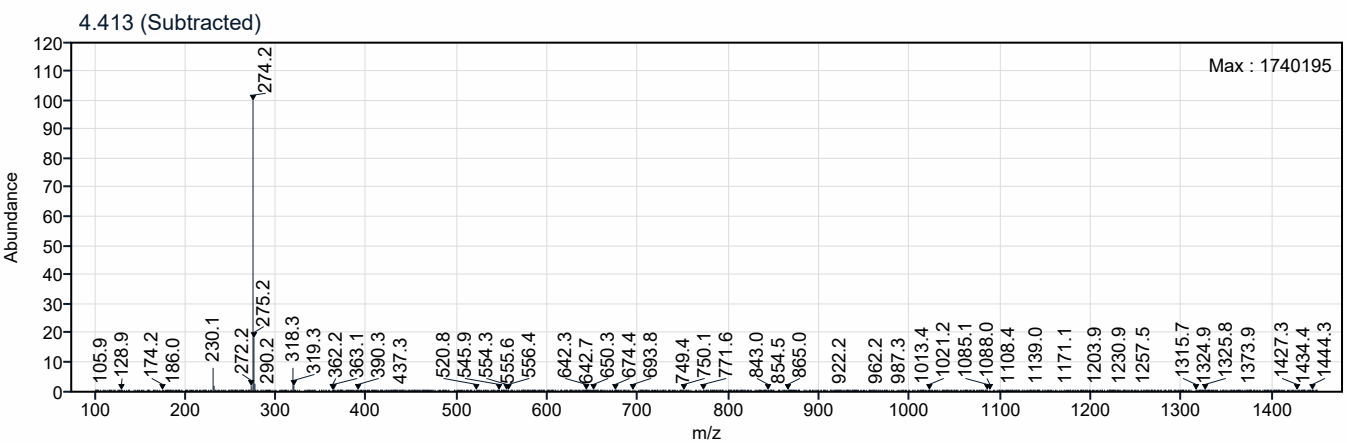
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.447	VM m	0.5831	182.5929	25.8111	100.0000
		Sum	**182.5929**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.413 min **Area %:** 100.00%



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

Peak RT: 4.577 min **Area %:** 100.00%

