TEST REPORT

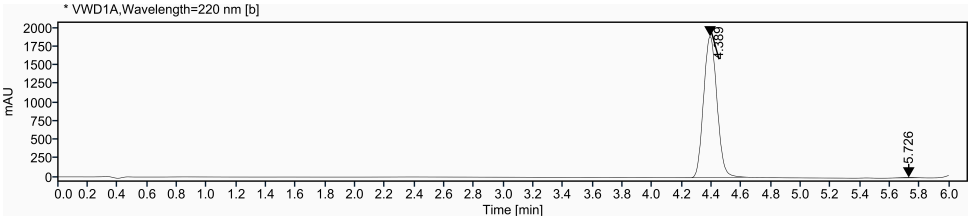
E: contact@tjqxgd.com
W: www.tjqxgd.com

TR30-20260828S0535 **Sample Received: 2026-08-28**

Authentication Code: **Analysis date: 2026-08-28**

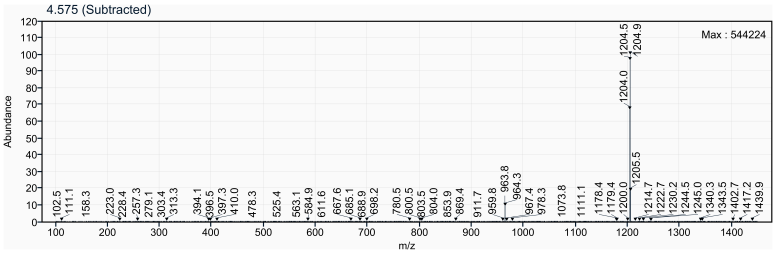
Compound	TR30/Tirzepatide	CAS Number	2023788-19-2
Formula	$C_{225}H_{348}N_{48}O_{68}$	Molecular Weight	4813.45
Manufacturer	JUN		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.389	MM m	0.4197	11831.6551	1891.7141	99.7129
5.726	MM m	0.1760	34.0648	5.3636	0.2871
		Sum	**11865.7200**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.71%
Mass Spectrum	Conforms to $[M-4H]^{4-}$	Detected
Peptide Weight	32.72 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

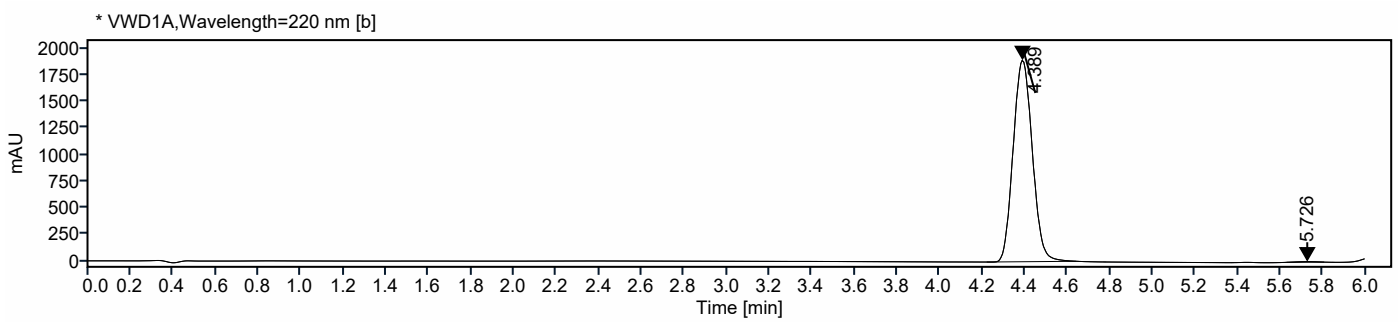
重要声明 / Important Notice

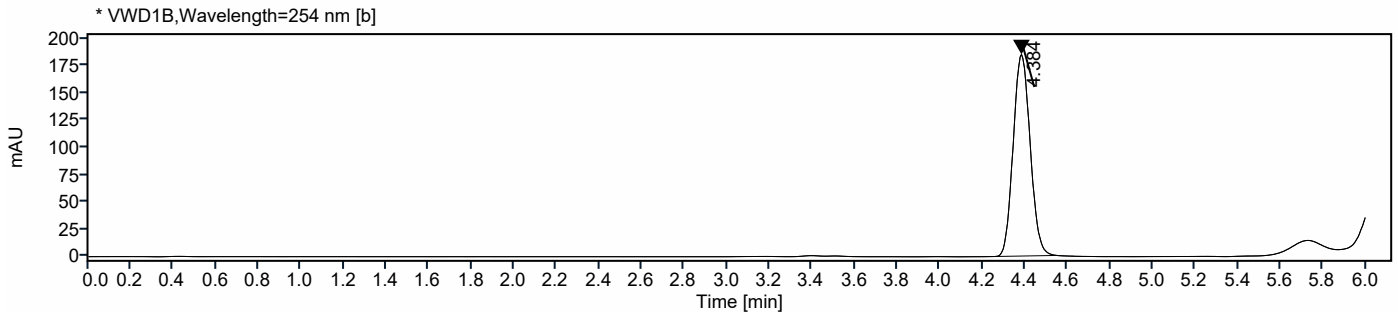
本检测数据由第三方合作实验室提供，本公司负责数据整理、审核与文件出具。本公司及合作检测方均不持有 CMA/CNAS 认证资质，本文件不具有法定证明效力，不得用于监管申报、诉讼举证或其他要求法定认证文件的用途。相关产品仅限科学研究用途，不得用于人类或兽医用途、诊断、治疗或临床应用。

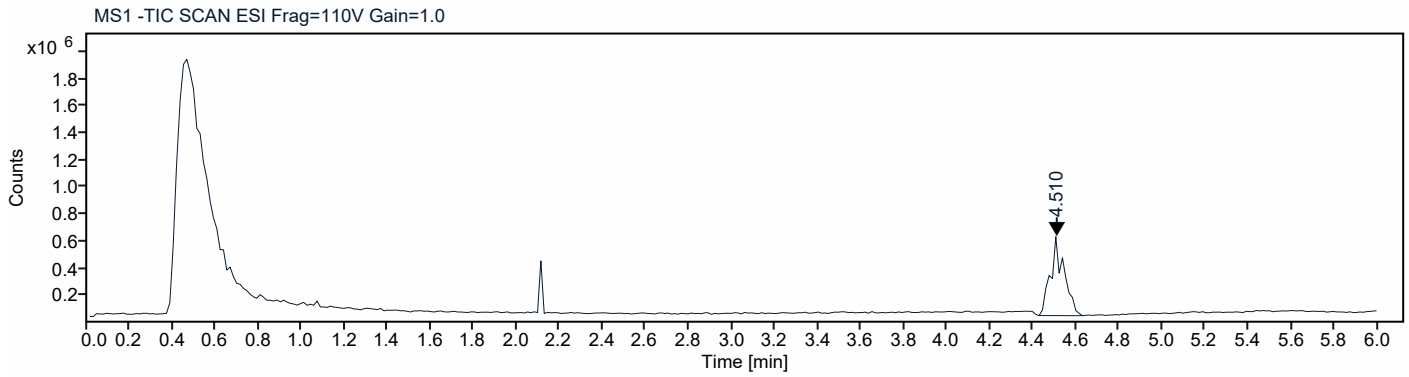
This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It shall not be used for regulatory submissions, litigation evidence, or any other purpose requiring legally accredited documentation. The related products are intended for scientific research use only and have not been approved for human or veterinary use, diagnosis, treatment, or clinical application. Results should be interpreted by qualified professionals within the intended scope of research.

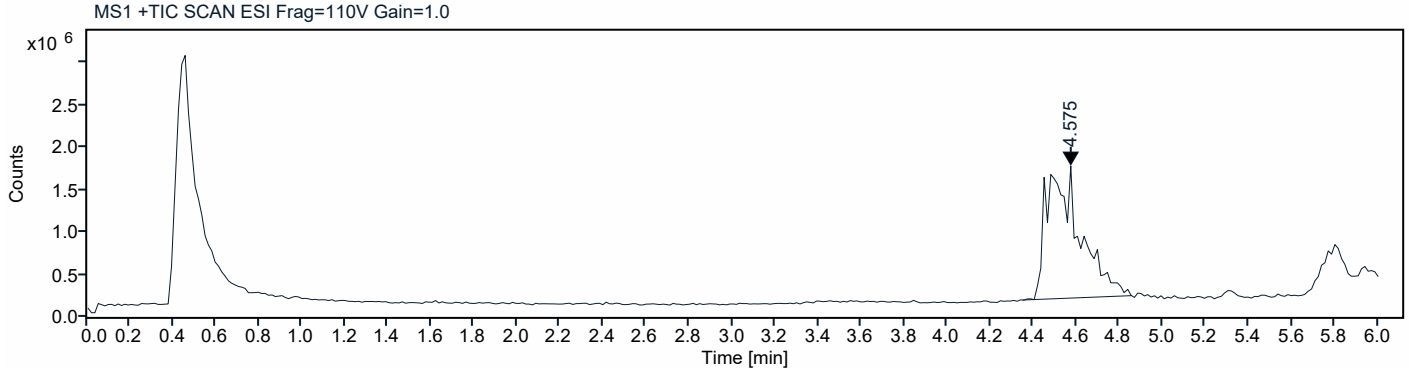
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TR30.dx	**Project name:**	2026
Sample name:	TR30	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-08-28 10:56:08+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F6
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%
4.575	MM m	0.5057	17157322.5069	1562005.5312	100.0000
		Sum	**17157322.5069**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.510	BB	0.2019	2578975.0563	585013.4890	100.0000
		Sum	**2578975.0563**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.389	MM m	0.4197	11831.6551	1891.7141	99.7129
5.726	MM m	0.1760	34.0648	5.3636	0.2871
		Sum	**11865.7200**		

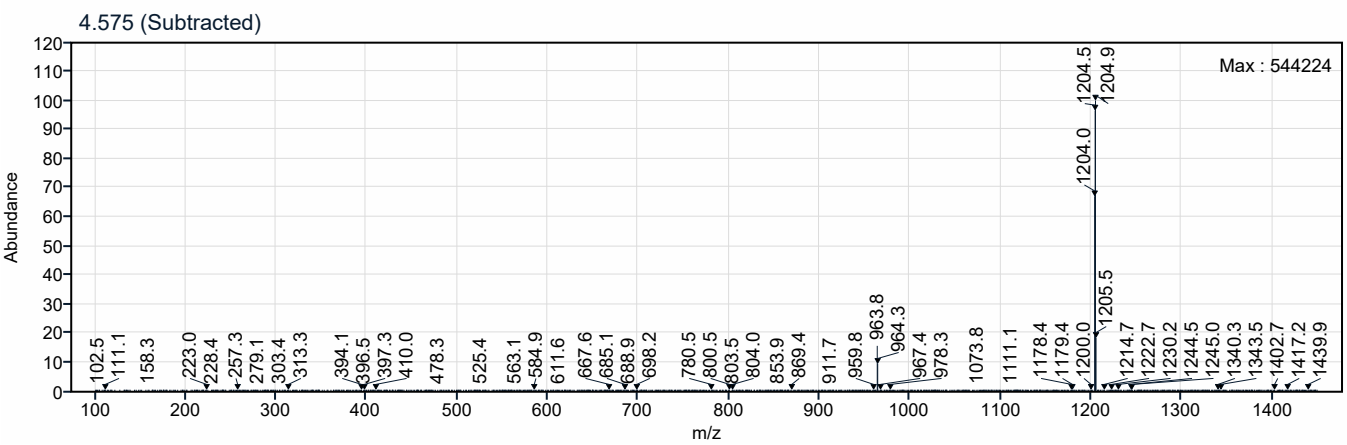
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.384	MM m	0.2933	1023.8964	184.9542	100.0000
		Sum	**1023.8964**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.575 min **Area %:** 100.00%



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

Peak RT: 4.510 min **Area %:** 100.00%

