TEST REPORT

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

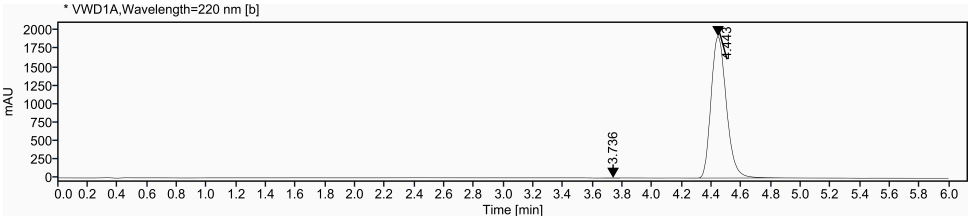
TR30-20261009S0580 **Sample Received: 2026-10-09**

Authentication Code: **Analysis date: 2026-10-09**



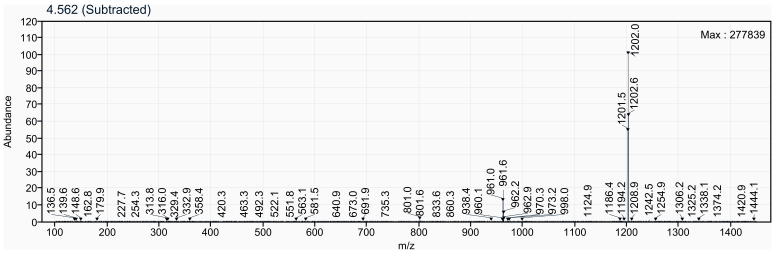
Compound	TR30/Tirzepatide	CAS Number	2023788-19-2
Formula	$C_{225}H_{348}N_{48}O_{68}$	Molecular Weight	4813.45
Manufacturer	Lumina Peptides		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.736	MM m	0.1620	20.0083	2.9397	0.1456
4.443	MM m	0.6565	13721.3327	1922.4481	99.8544
	Sum		**13741.3409**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.85%
Mass Spectrum	Conforms to $[M-4H]^{4-}$	Detected
Net Content	32.13 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

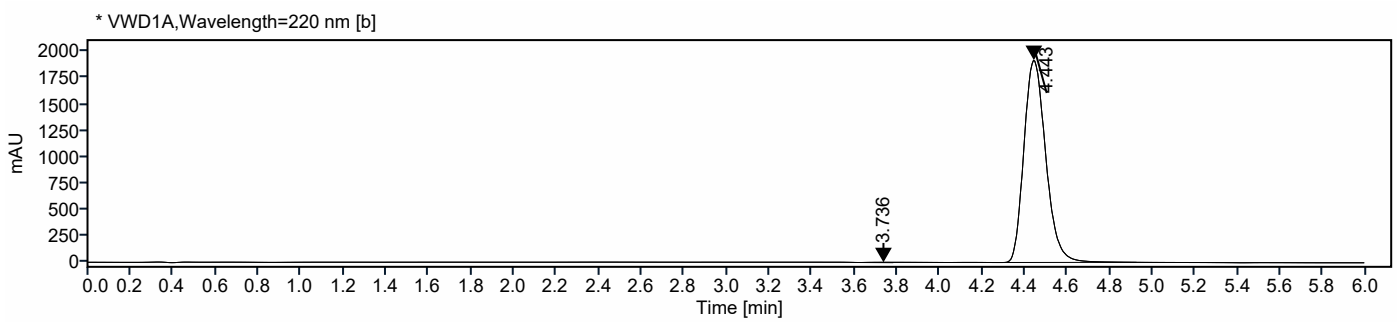
重要声明 / Important Notice

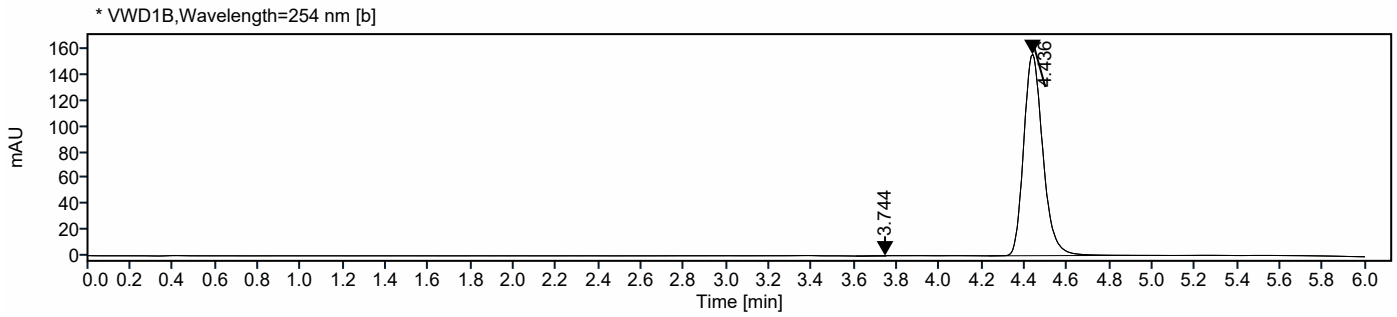
本检测数据由第三方合作实验室提供，本公司负责数据整理、审核与文件出具。本公司及合作检测方均不持有 CMA/CNAS 认证资质，本文件不具有法定证明效力，不得用于监管申报、诉讼举证或其他要求法定认证文件的用途。相关产品仅限科学研究用途，不得用于人类或兽医用途、诊断、治疗或临床应用。

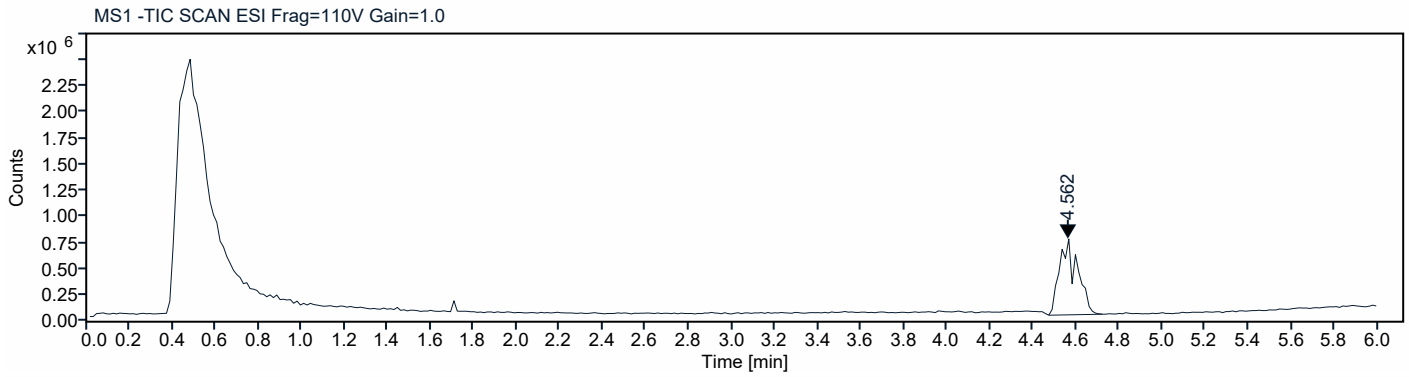
This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It 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.

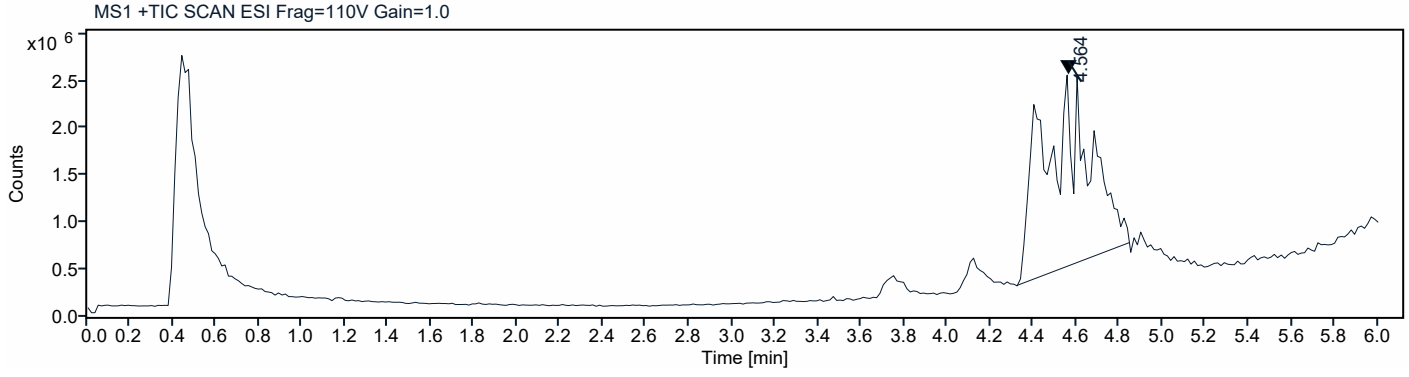
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TR30.dx	**Project name:**	2026
Sample name:	TR30	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-09 20:58:00+08:00
Inj. volume:	5.000 µL	**Location:**	P2-A2
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%
4.564	MM m	0.5244	30103158.3343	2022840.3966	100.0000
		Sum	**30103158.3343**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.562	BB	0.2486	4250524.9608	727549.4857	100.0000
		Sum	**4250524.9608**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.736	MM m	0.1620	20.0083	2.9397	0.1456
4.443	MM m	0.6565	13721.3327	1922.4481	99.8544
		Sum	**13741.3409**		

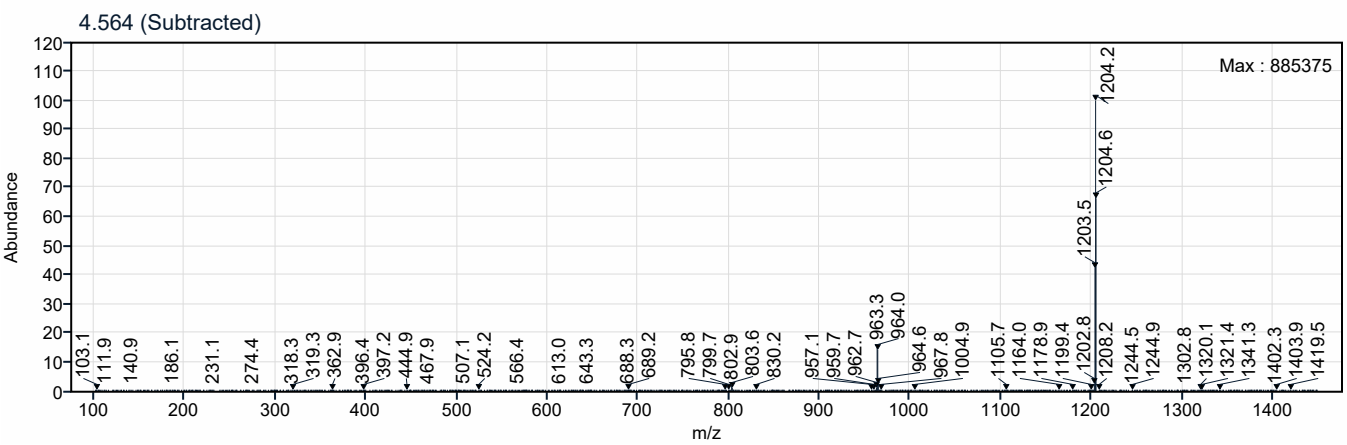
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.744	MM m	0.1407	1.7077	0.3880	0.1748
4.436	BM m	0.6608	975.5320	156.0953	99.8252
		Sum	**977.2398**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.564 min **Area %:** 100.00%



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

Peak RT: 4.562 min **Area %:** 100.00%

