TEST REPORT

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

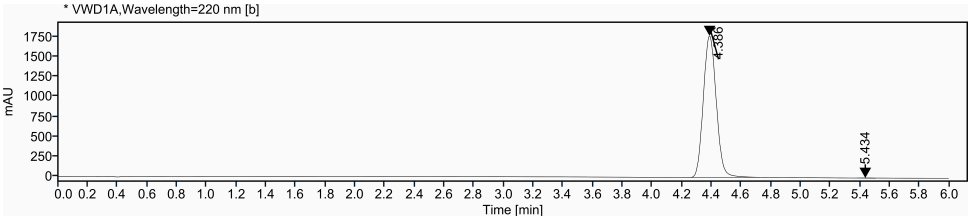
TR30-20260824S5284 **Sample Received: 2026-08-24**

Authentication Code: **Analysis date: 2026-08-24**



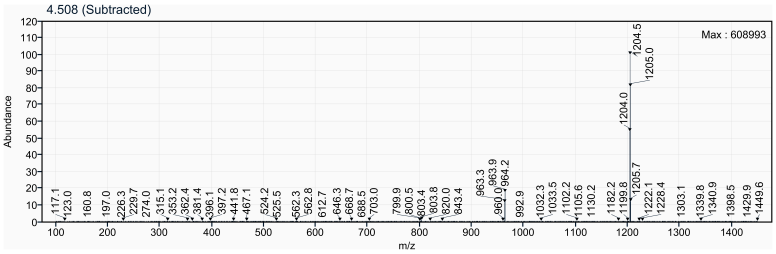
Compound	TR30/Tirzepatide	CAS Number	2023788-19-2
Formula	$C_{225}H_{348}N_{48}O_{68}$	Molecular Weight	4813.45
Manufacturer	Peptides Stone Ltd.		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.386	MM m	0.4919	10656.2776	1765.5342	99.8150
5.434	MM m	0.1580	19.7507	3.0865	0.1850
		Sum	**10676.0283**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.81%
Mass Spectrum	Conforms to $[M-4H]^{4-}$	Detected
Peptide Weight	31.07 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

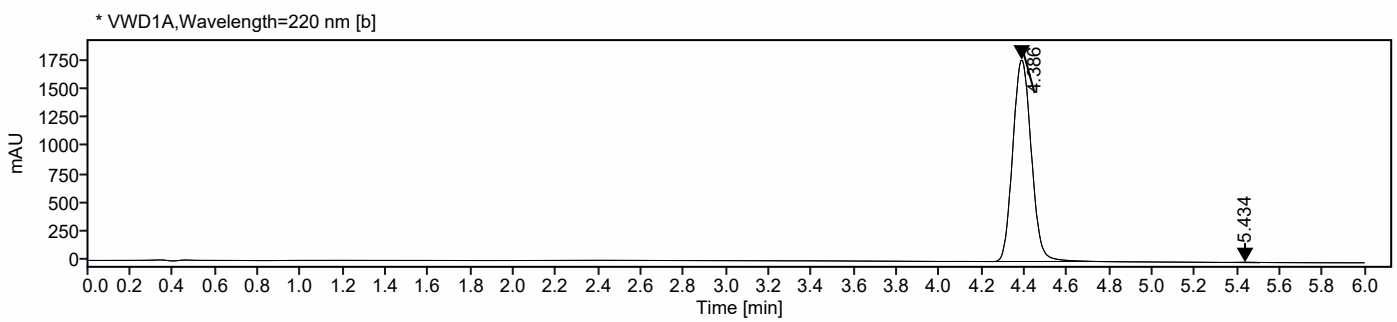
重要声明 / Important Notice

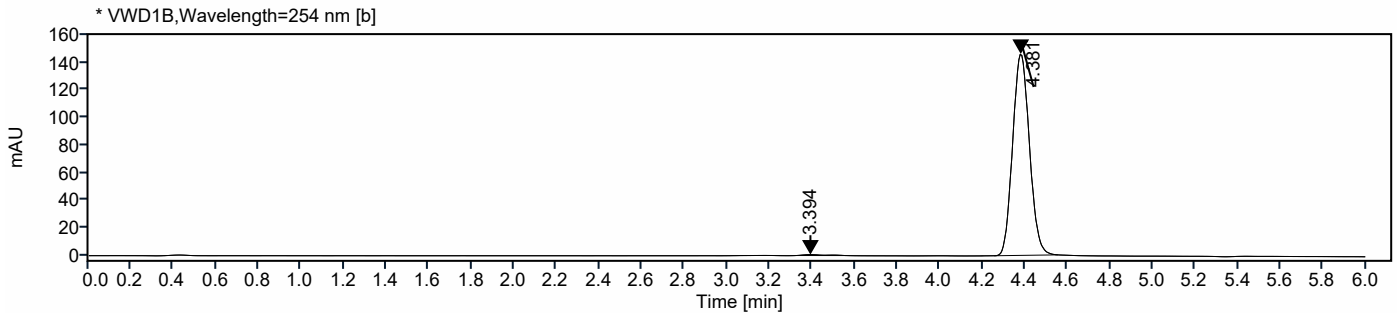
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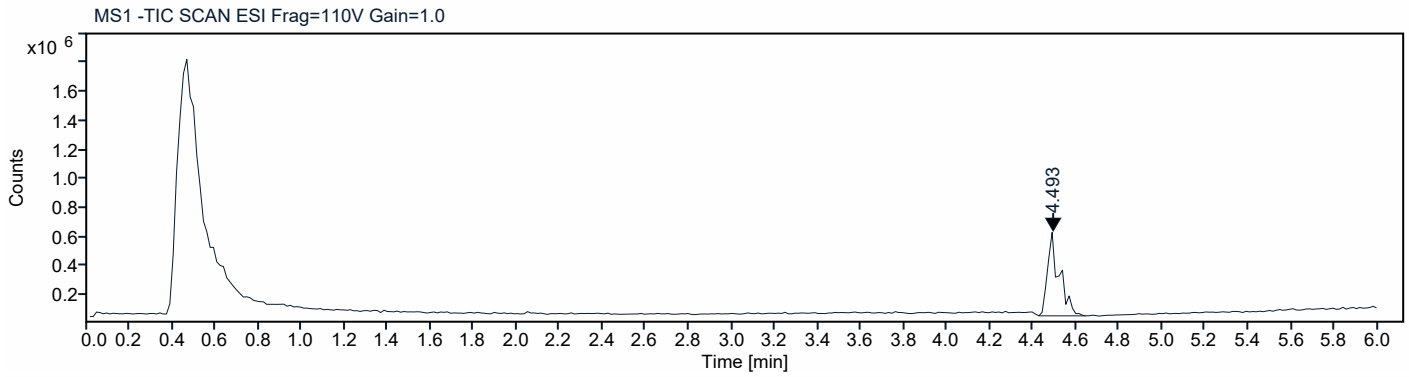
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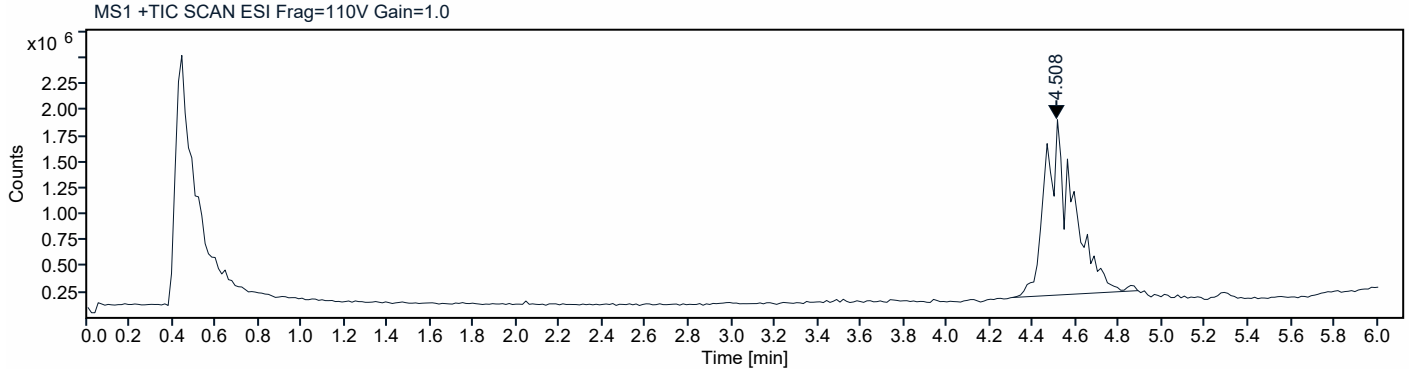
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TR30.dx	**Project name:**	2026
Sample name:	TR30	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-08-24 12:05:08+08:00
Inj. volume:	5.000 µL	**Location:**	P1-C1
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%
4.508	MM m	0.5869	15655768.9053	1687551.0904	100.0000
		Sum	**15655768.9053**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.493	BB	0.2175	2187508.1951	576795.7994	100.0000
		Sum	**2187508.1951**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.386	MM m	0.4919	10656.2776	1765.5342	99.8150
5.434	MM m	0.1580	19.7507	3.0865	0.1850
		Sum	**10676.0283**		

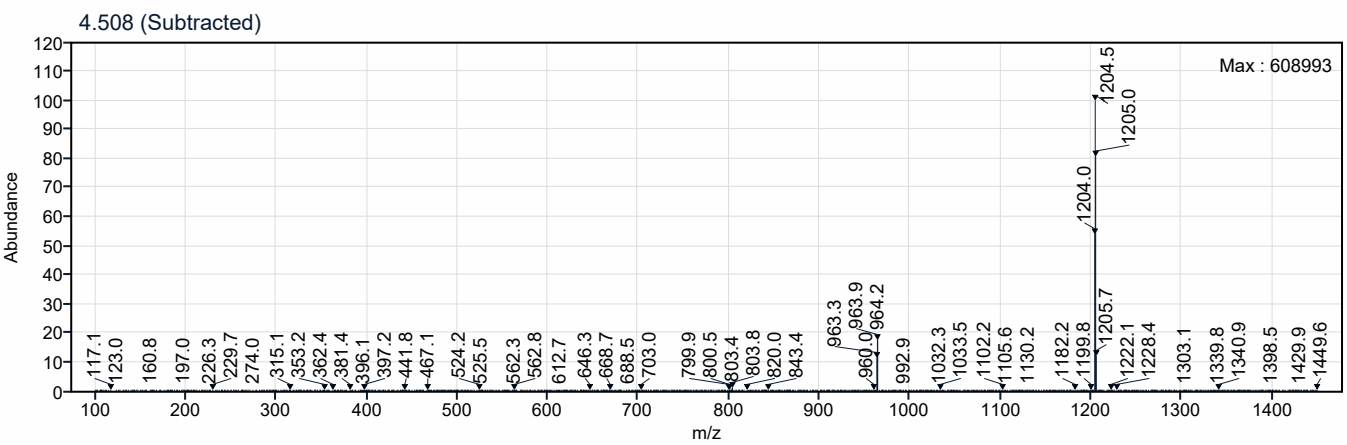
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.394	MM m	0.2347	4.5085	0.6515	0.5612
4.381	MM m	0.2979	798.8960	145.7771	99.4388
		Sum	**803.4045**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.508 min **Area %:** 100.00%



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

Peak RT: 4.493 min **Area %:** 100.00%

