TEST REPORT

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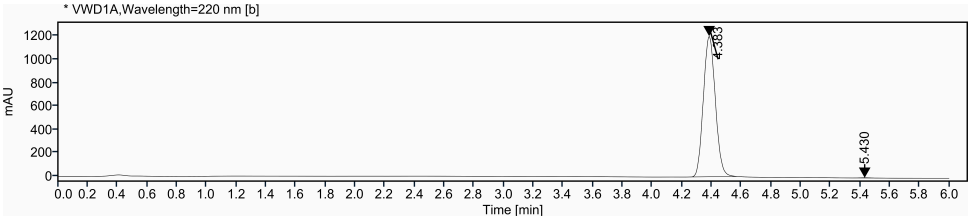
TR10-20260901S8240 **Sample Received: 2026-09-01**

Authentication Code: **Analysis date: 2026-09-02**

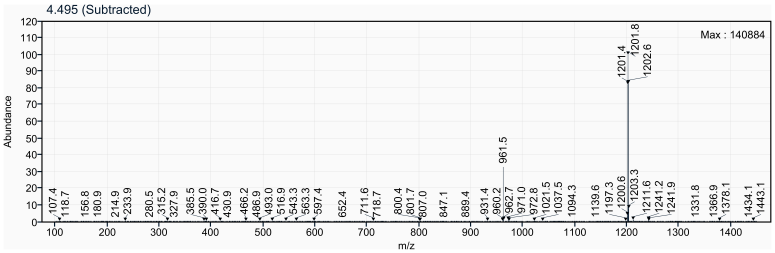
Compound	TR10/Tirzepatide	CAS Number	2023788-19-2
Formula	$C_{225}H_{348}N_{48}O_{68}$	Molecular Weight	4813.45
Manufacturer	Pepperation Station		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.383	MM m	0.3520	6728.2303	1203.7707	99.8302
5.430	MM m	0.1670	11.4419	2.4544	0.1698
		Sum	**6739.6722**		



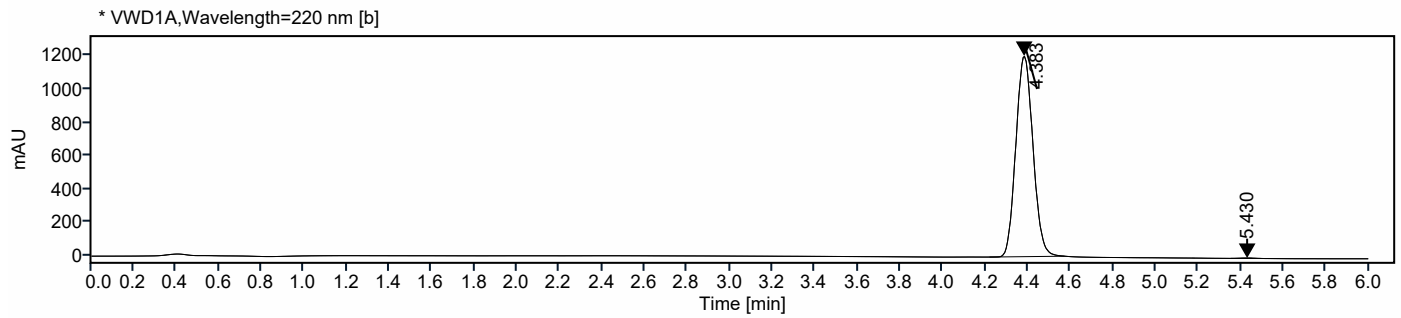
Result:

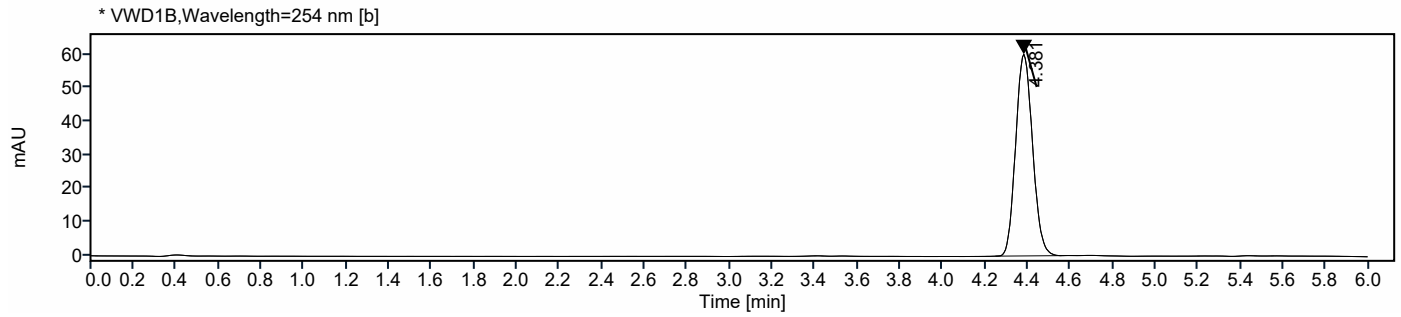
Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.83%
Mass Spectrum	Conforms to $[M-4H]^{4-}$	Detected
Peptide Weight	11.26 mg	

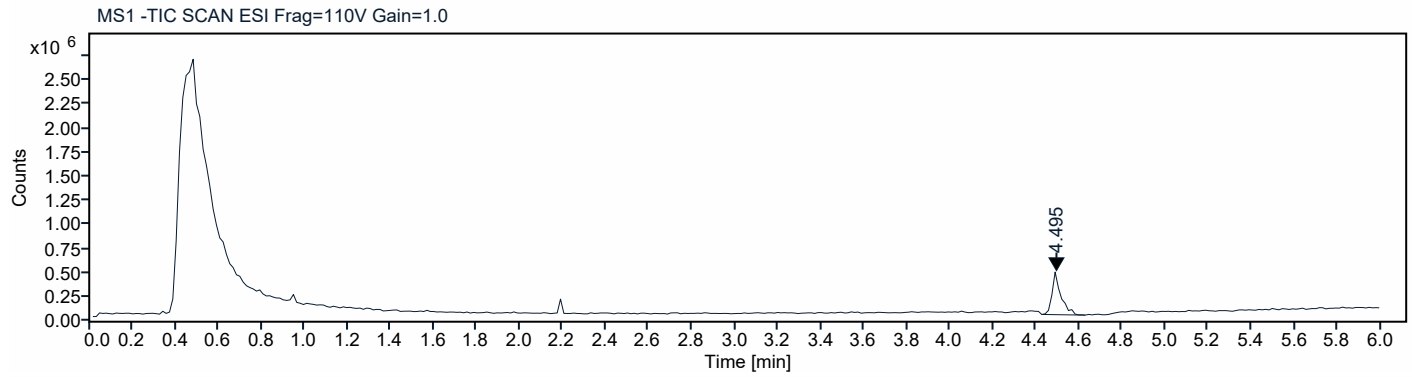
Peng Gao, Data Compilation Zhibo Li, Technical Review

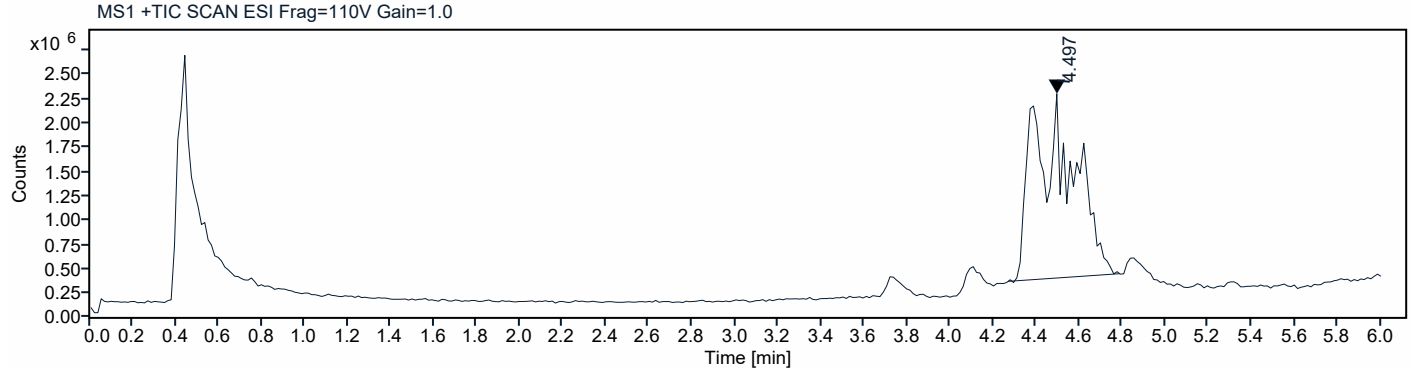
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	TR10.dx	**Project name:**	2026
Sample name:	TR10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-02 18:43:59+08:00
Inj. volume:	5.000 µL	**Location:**	P2-B1
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%
4.497	MM m	0.5191	24883053.8683	1895720.6680	100.0000
		Sum	**24883053.8683**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.495	MB m	0.2002	1268304.1179	445996.6659	100.0000
		Sum	**1268304.1179**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.383	MM m	0.3520	6728.2303	1203.7707	99.8302
5.430	MM m	0.1670	11.4419	2.4544	0.1698
		Sum	**6739.6722**		

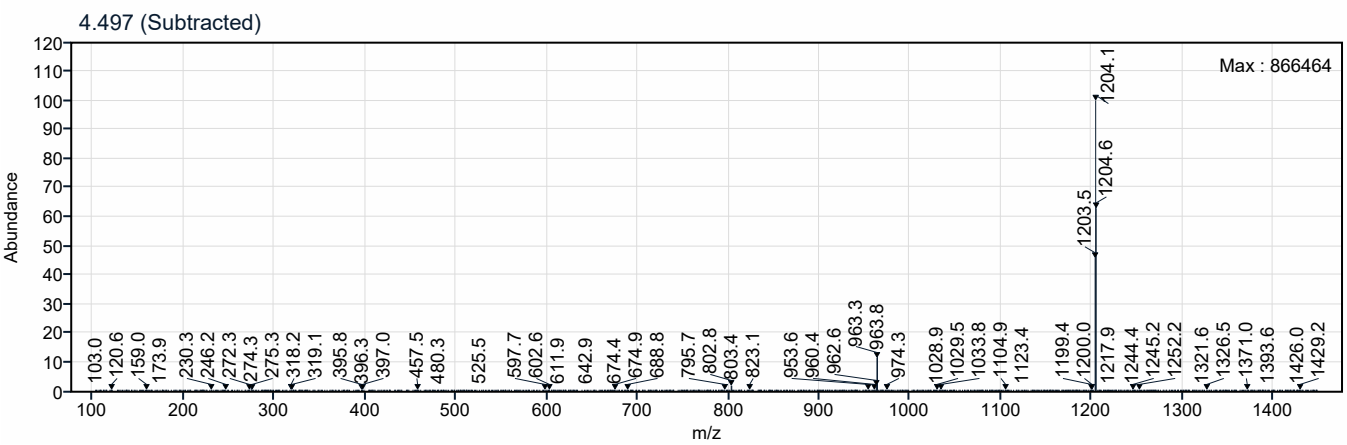
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.381	MB m	0.3097	331.8370	60.1763	100.0000
		Sum	**331.8370**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.497 min **Area %:** 100.00%



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

Peak RT: 4.495 min **Area %:** 100.00%