TEST REPORT

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

RT60-20260903S5818

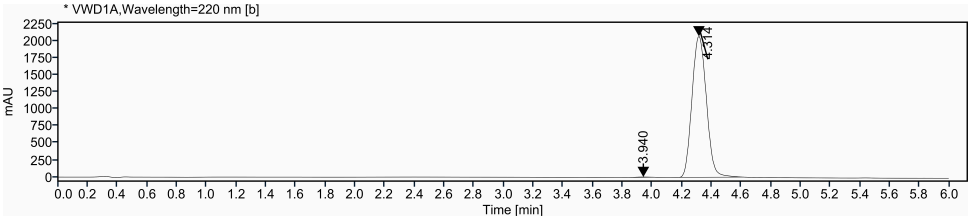
Sample Received: 2026-09-03

Authentication Code:

Analysis date: 2026-09-04

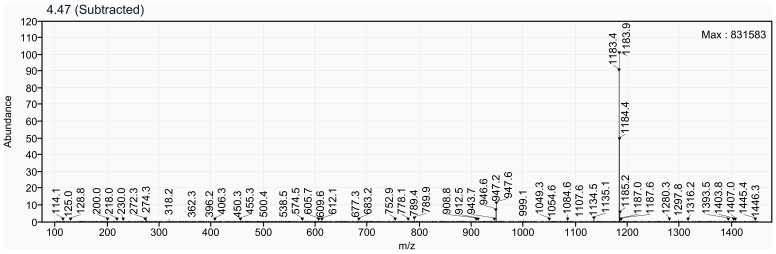
Compound	Retatrutide 60 mg	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	Peptiqo - Synthera BioLabs (Pty) Ltd	Batch Number	20260812 [5]

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.940	MM m	0.1670	26.4617	4.7545	0.1896
4.314	MM m	0.4333	13928.9512	2071.0201	99.8104
	Sum		**13955.4129**		



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	64.07 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

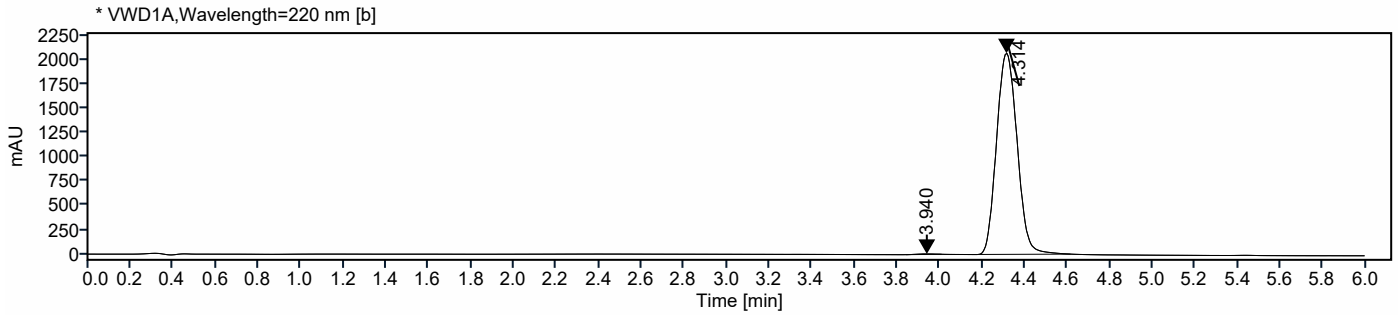
重要声明 / Important Notice

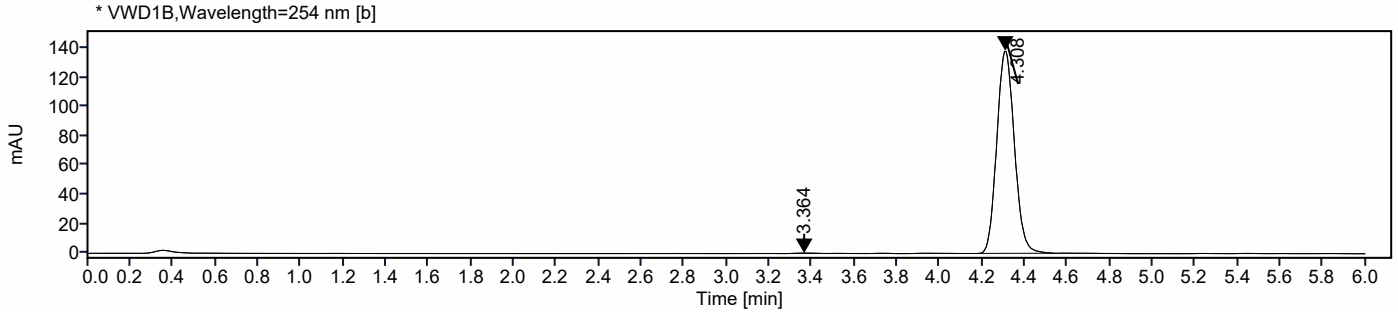
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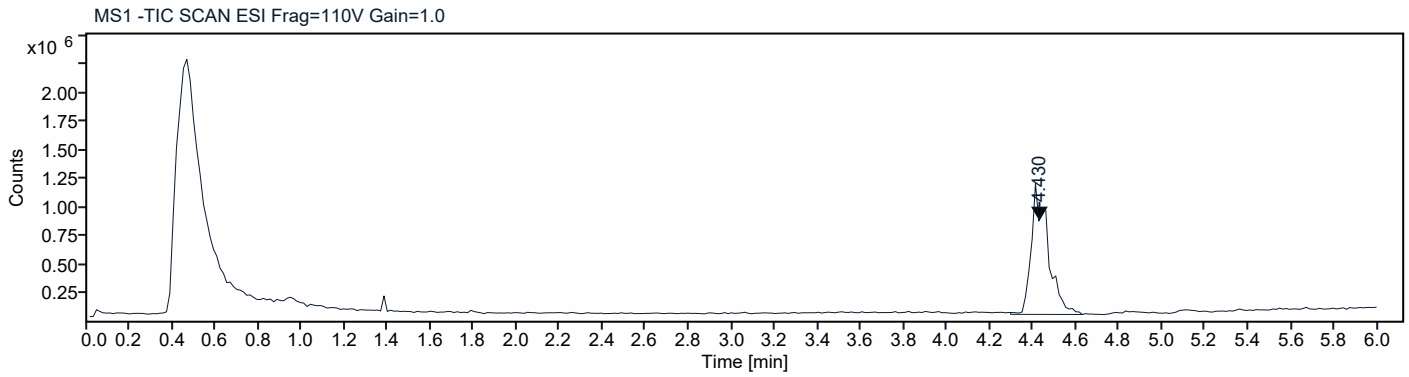
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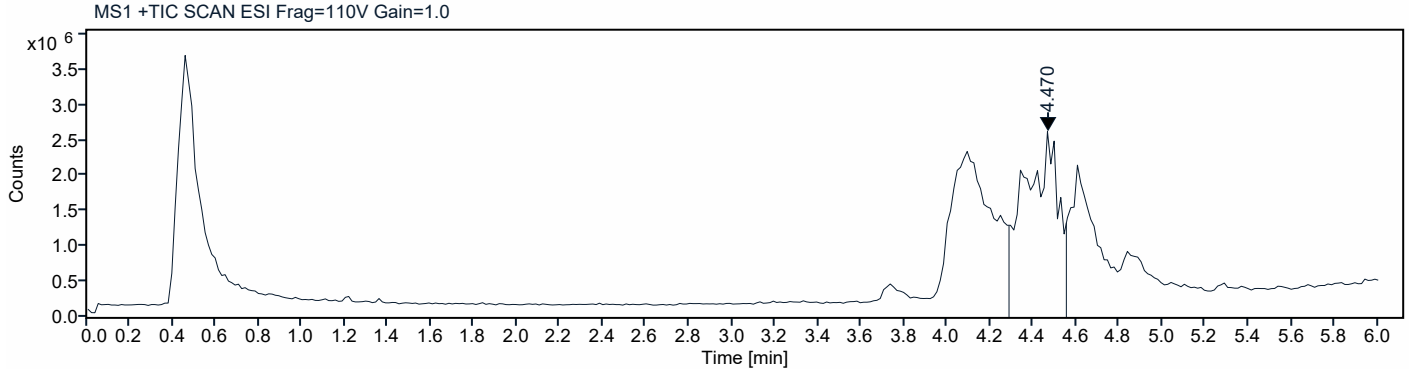
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT60.dx	**Project name:**	2026
Sample name:	RT60	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-04 18:15:14+08:00
Inj. volume:	5.000 µL	**Location:**	P1-E5
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%
4.470	MM m	0.2664	55630865.8878	4220112.4646	100.0000
		Sum	**55630865.8878**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.430	VB	0.3337	6149490.4507	814273.1498	100.0000
		Sum	**6149490.4507**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.940	MM m	0.1670	26.4617	4.7545	0.1896
4.314	MM m	0.4333	13928.9512	2071.0201	99.8104
		Sum	**13955.4129**		

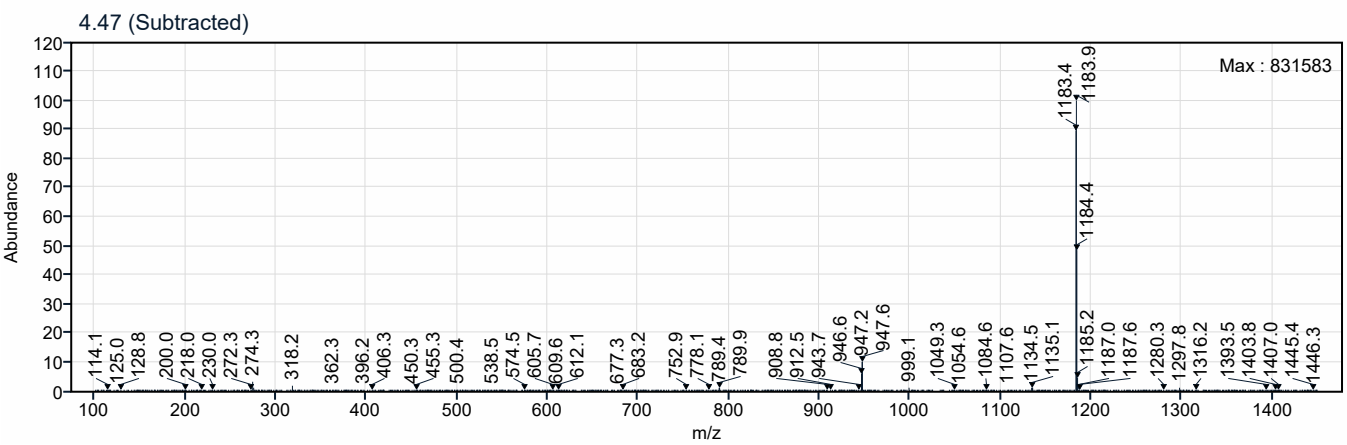
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.364	MM m	0.1895	1.2233	0.2257	0.1535
4.308	MM m	0.3520	795.5776	138.8372	99.8465
		Sum	**796.8010**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.470 min **Area %:** 100.00%



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

Peak RT: 4.430 min **Area %:** 100.00%

