TEST REPORT

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

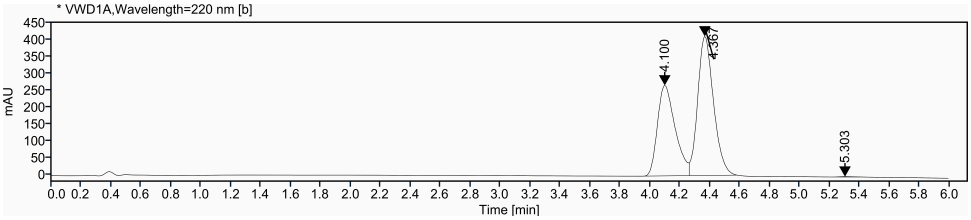
RC10-2026101978935 **Sample Received: 2026-10-19**

Authentication Code: **Analysis date: 2026-10-20**



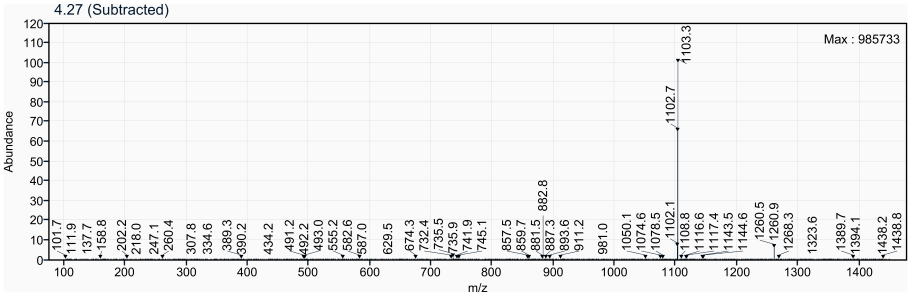
Compound	**RC10/Retatrutide & Cagrilintide**	**CAS Number**	**2381089-83-2 1415456-99-3**
Formula	**$C_{221}H_{342}N_{46}O_{68}$ $C_{194}H_{312}N_{54}O_{59}S_2$**	**Molecular Weight**	**4731.41 4409.0**
Manufacturer	**Protides Biotech Jamaica**		

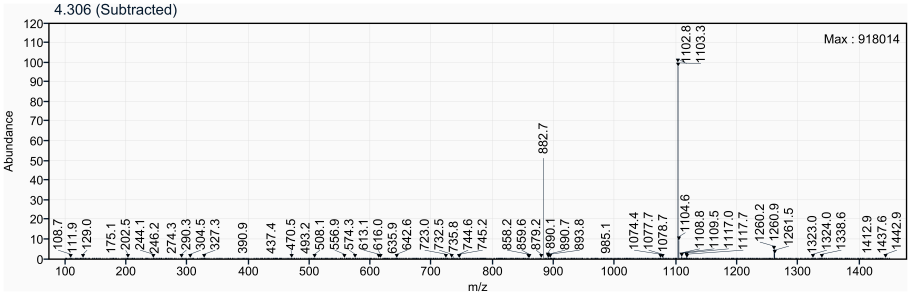
HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.100	MM m	0.3368	2189.4845	266.3121	42.0959
4.367	MM m	0.3197	3004.0167	409.3498	57.7564
5.303	MM m	0.2131	7.6852	1.1686	0.1478
		Sum	**5201.1865**		





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TEST REPORT

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Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.85%(Combination purity)
Mass Spectrum	Conforms to $[M+4H]^{4+}$	Detected
Net Content	5.25 mg(Retatrutide); 5.18 mg (Cagrilintide)	

Peng Gao, Data Compilation

Zhibo Li, Technical Review

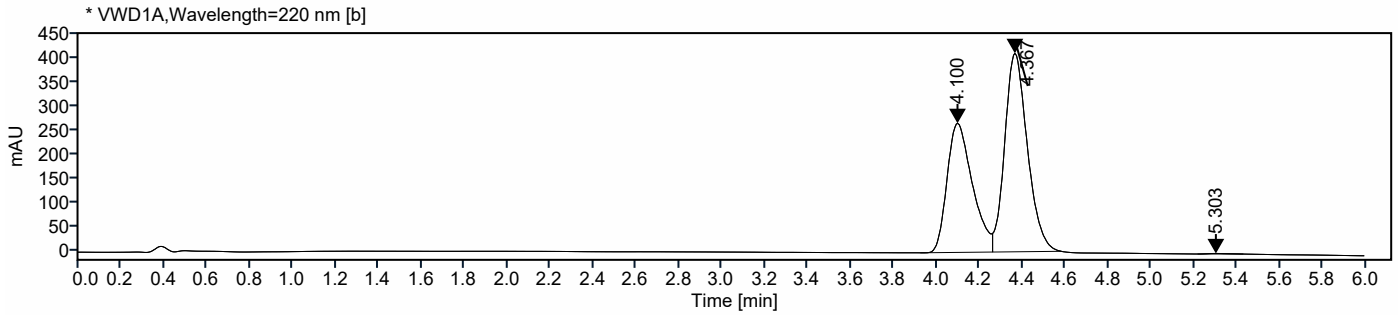
重要声明 / Important Notice

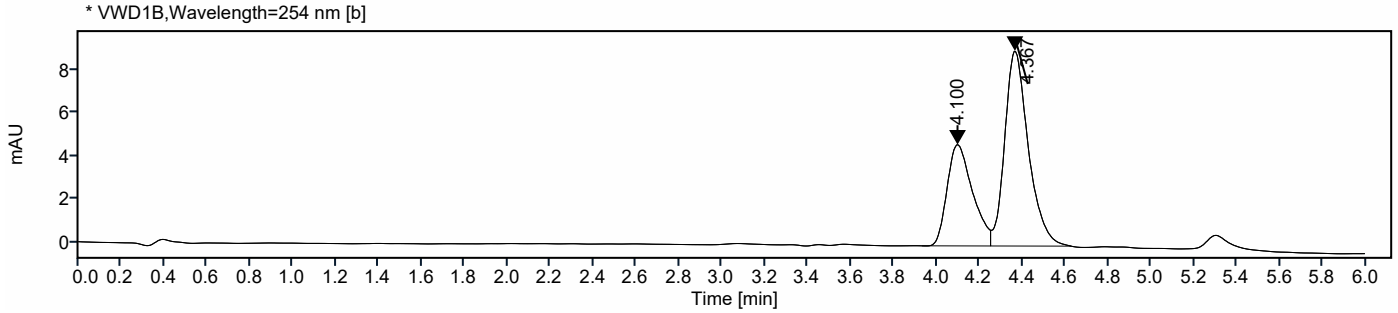
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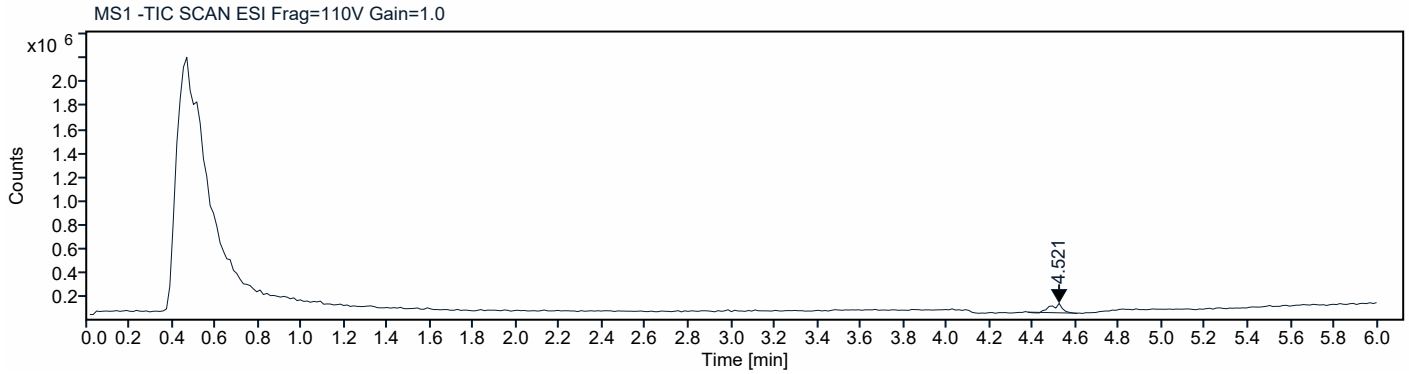
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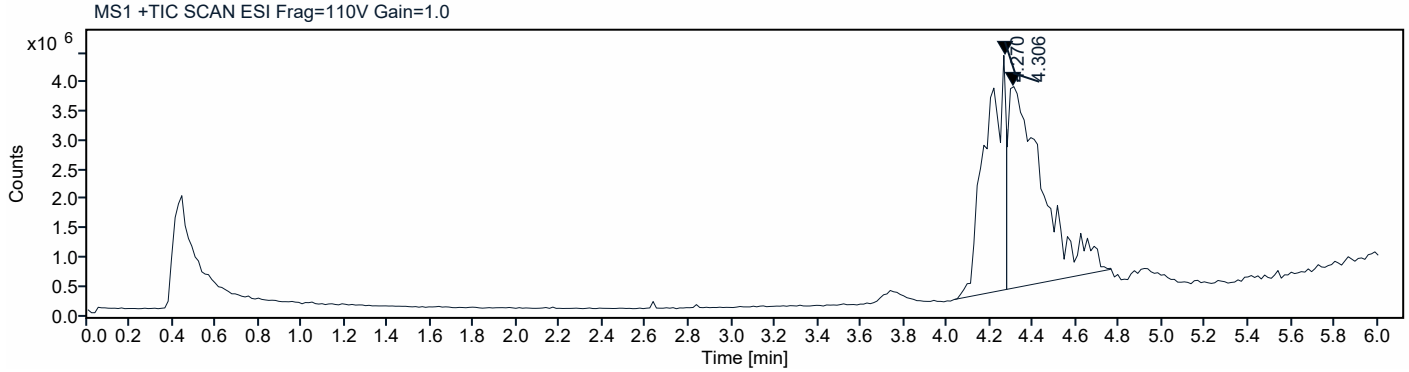
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RC10.dx	**Project name:**	2026
Sample name:	RC10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-20 22:21:18+08:00
Inj. volume:	5.000 µL	**Location:**	P1-D7
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%
4.270	MM m	0.2431	25865623.4665	4021938.1962	40.0330
4.306	MM m	0.4862	38745083.5286	3463272.2510	59.9670
		Sum	**64610706.9951**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.521	MM m	0.2297	281755.8250	78897.0509	100.0000
		Sum	**281755.8250**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.100	MM m	0.3368	2189.4845	266.3121	42.0959
4.367	MM m	0.3197	3004.0167	409.3498	57.7564
5.303	MM m	0.2131	7.6852	1.1686	0.1478
		Sum	**5201.1865**		

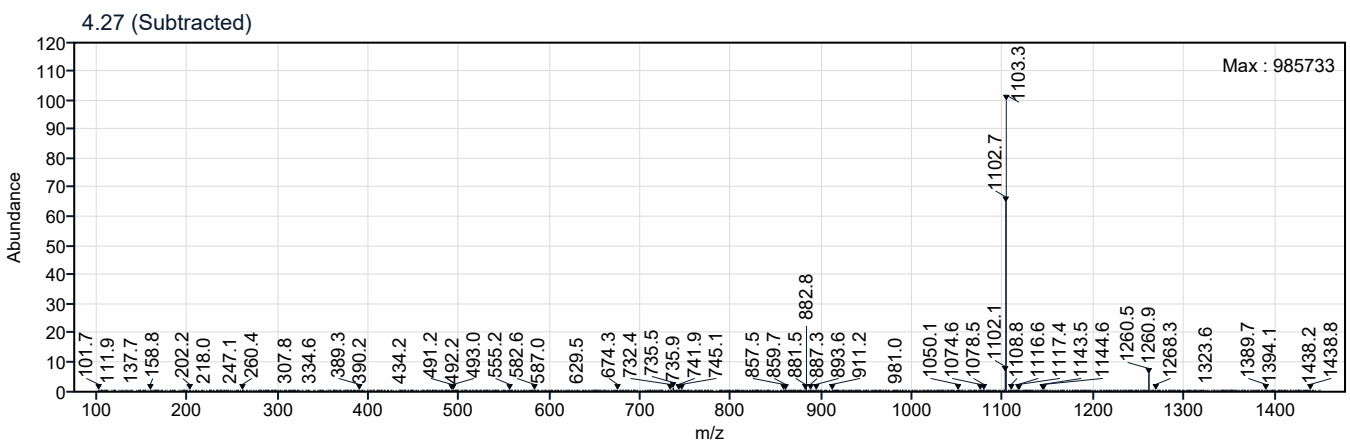
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.100	MM m	0.3197	38.6627	4.6986	35.7587
4.367	MM m	0.3751	69.4586	9.0515	64.2413
		Sum	**108.1214**		

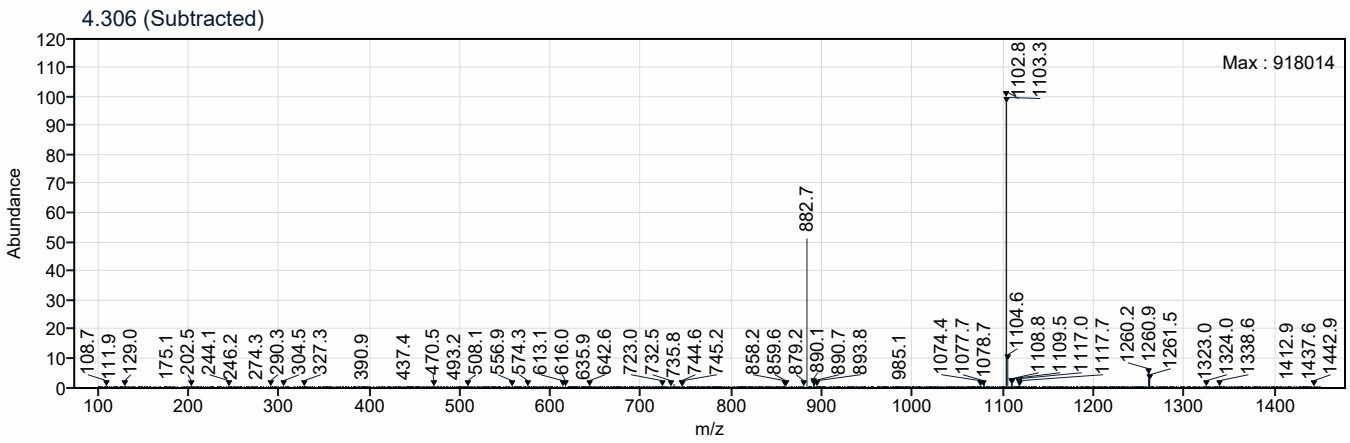
Peak Details (Area Percent at least 1%)

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

Peak RT: 4.270 min **Area %:** 40.03%



Peak RT: 4.306 min **Area %:** 59.97%



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

Peak RT: 4.521 min **Area %:** 100.00%

