TEST REPORT

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

RT30-20260903S4641

Sample Received: 2026-09-03

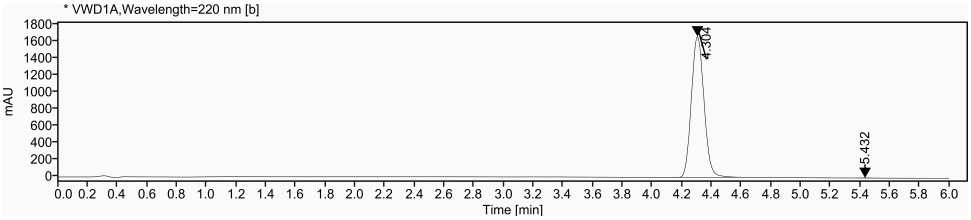
Authentication Code:

Analysis date: 2026-09-04



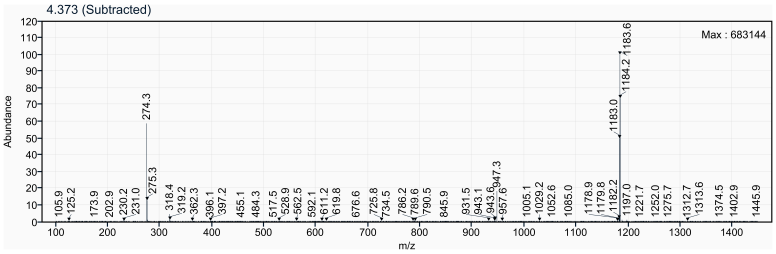
Compound	RT30/Retatrutide	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	Peptides Stone Ltd.		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.304	MM m	0.4694	9812.3852	1665.1815	99.8976
5.432	MM m	0.1895	10.0628	2.1518	0.1024
		Sum	**9822.4481**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.89%
Mass Spectrum	Conforms to $[M+4H]^{4+}$	Detected
Peptide Weight	30.23 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

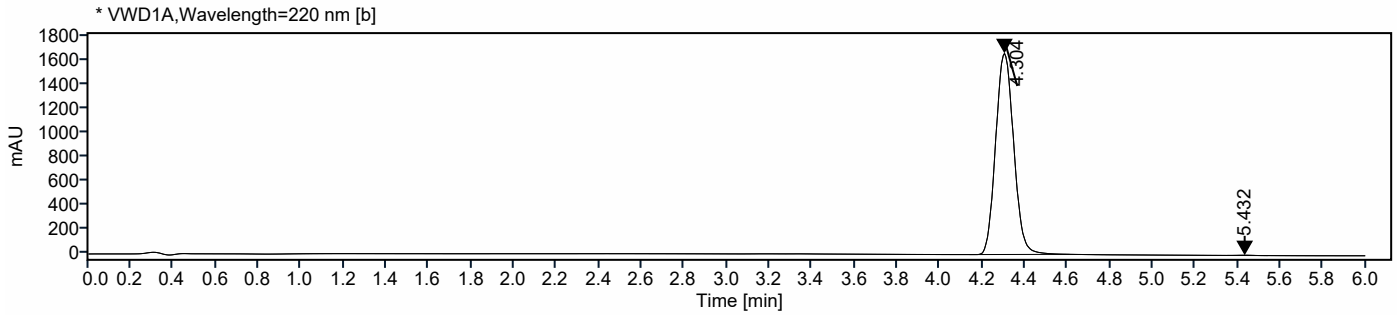
重要声明 / Important Notice

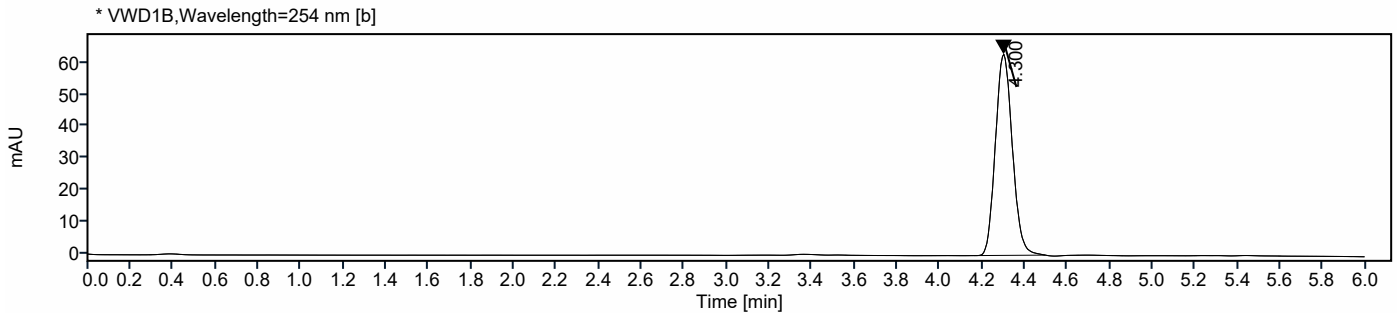
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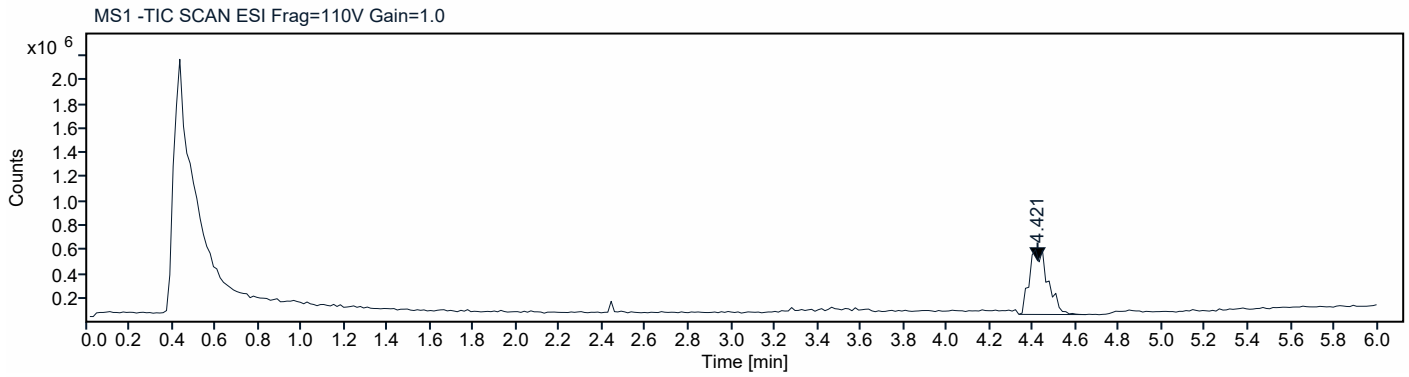
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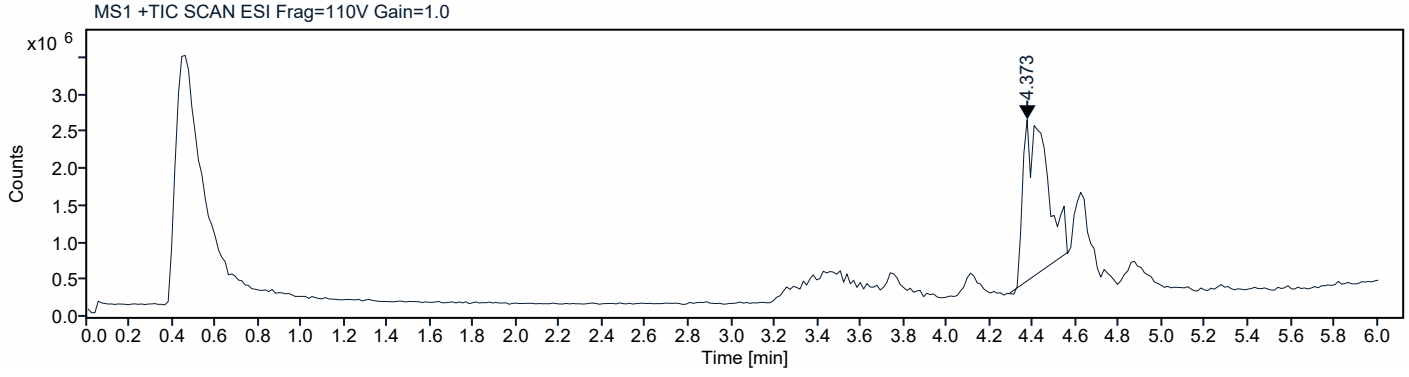
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT30.dx	**Project name:**	2026
Sample name:	RT30	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-04 13:57:43+08:00
Inj. volume:	5.000 µL	**Location:**	P2-A1
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%
4.373	MM m	0.2754	16375576.3702	2181404.1698	100.0000
		Sum	**16375576.3702**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.421	BB	0.3107	3191441.8443	435605.2119	100.0000
		Sum	**3191441.8443**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.304	MM m	0.4694	9812.3852	1665.1815	99.8976
5.432	MM m	0.1895	10.0628	2.1518	0.1024
		Sum	**9822.4481**		

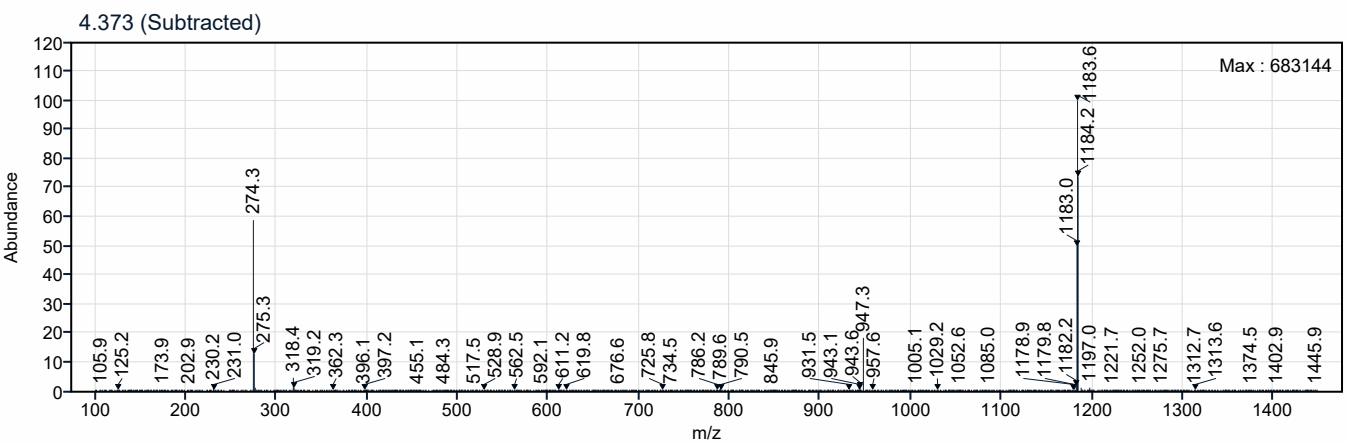
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.300	MM m	0.3340	348.1992	62.7938	100.0000
		Sum	**348.1992**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.373 min **Area %:** 100.00%



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

Peak RT: 4.421 min **Area %:** 100.00%

