TEST REPORT

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

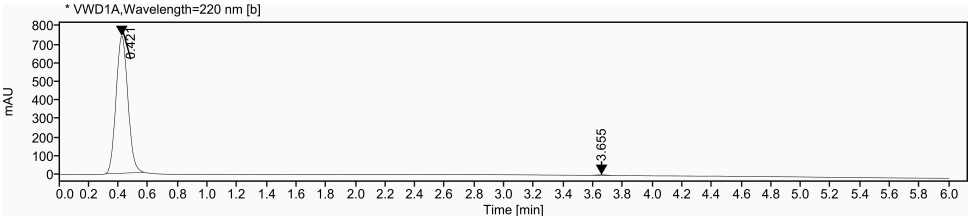
KPV10-20260830S0526 **Sample Received: 2026-08-30**

Authentication Code: **Analysis date: 2026-09-01**



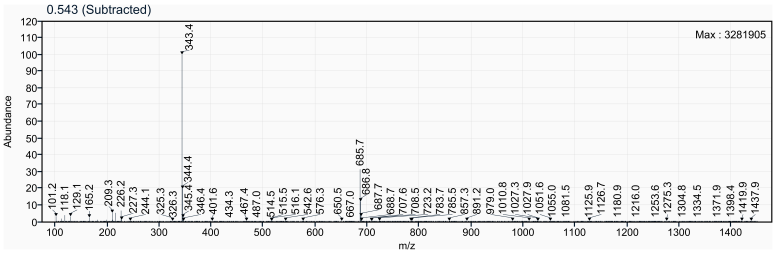
Compound	KPV10/KPV	CAS Number	67727-97-3
Formula	$C_{16}H_{30}N_4O_4$	Molecular Weight	342.43
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.421	MM m	0.2618	4096.4343	740.5813	99.6334
3.655	MM m	0.1760	15.0737	3.1075	0.3666
		Sum	**4111.5080**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.63%
Mass Spectrum	Conforms to $[M+H]^+$, $[M-H]^-$	Detected
Peptides Weight	12.39 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

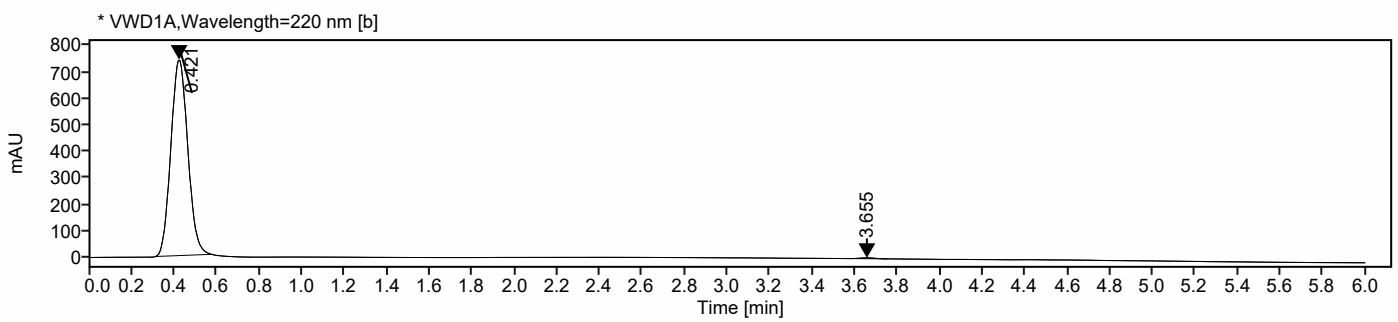
重要声明 / Important Notice

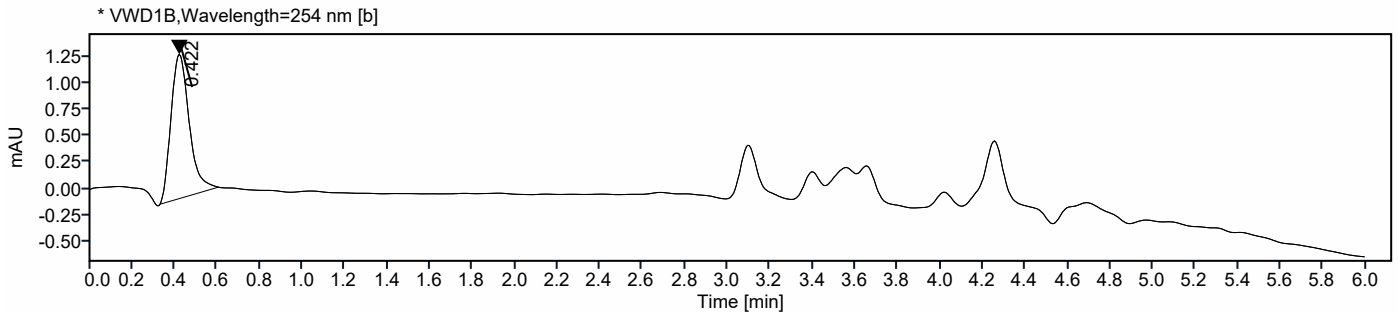
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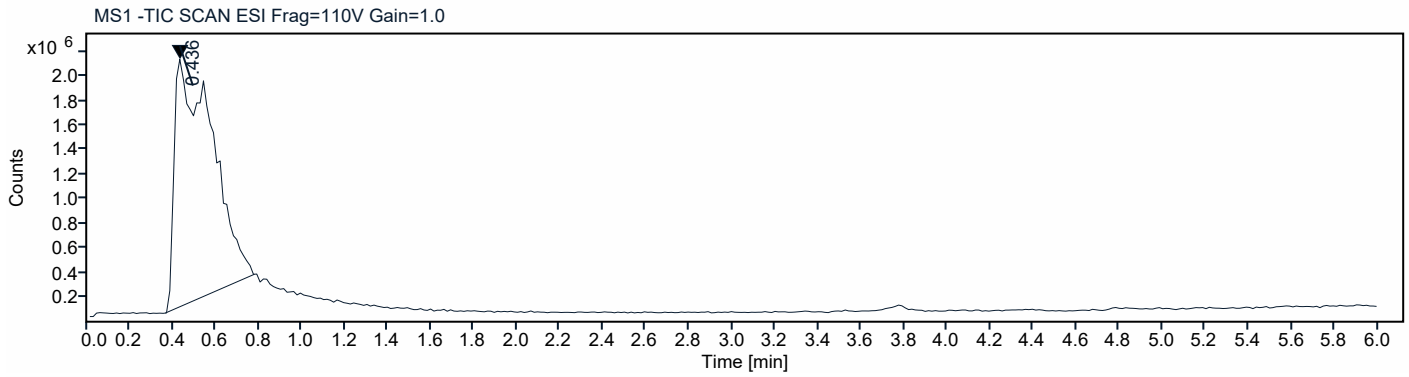
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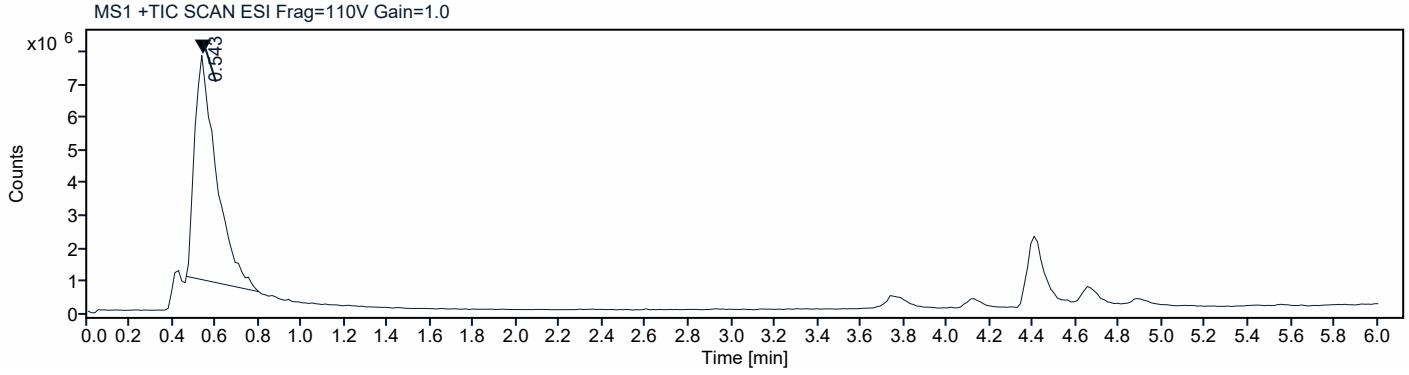
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	KPV10.dx	**Project name:**	2026
Sample name:	KPV10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-01 08:44:11+08:00
Inj. volume:	5.000 µL	**Location:**	P2-E1
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%
0.543	MM m	0.3386	48270257.3111	6899744.3407	100.0000
		Sum	**48270257.3111**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.436	MM m	0.4143	24247054.4619	2011585.9831	100.0000
		Sum	**24247054.4619**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.421	MM m	0.2618	4096.4343	740.5813	99.6334
3.655	MM m	0.1760	15.0737	3.1075	0.3666
		Sum	**4111.5080**		

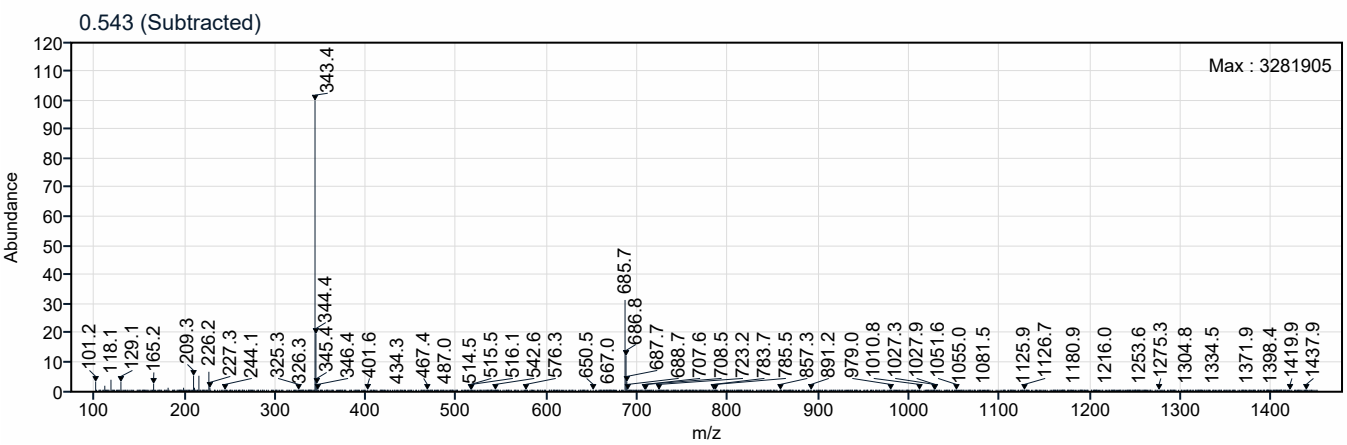
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
0.422	MM m	0.2753	8.2233	1.3771	100.0000
		Sum	**8.2233**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 0.543 min **Area %:** 100.00%



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

Peak RT: 0.436 min **Area %:** 100.00%

