



TEST REPORT

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KPV10-20260830S0526

Sample Received: 2026-08-30

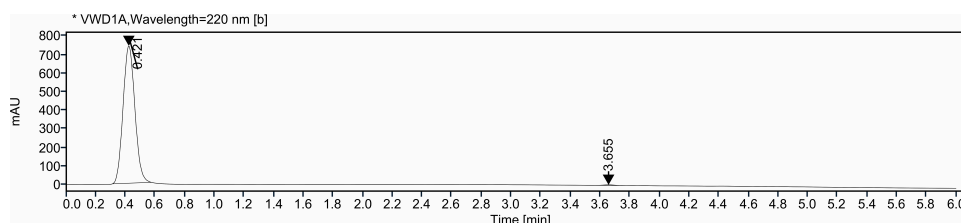
Authentication Code:

Analysis date: 2026-09-01



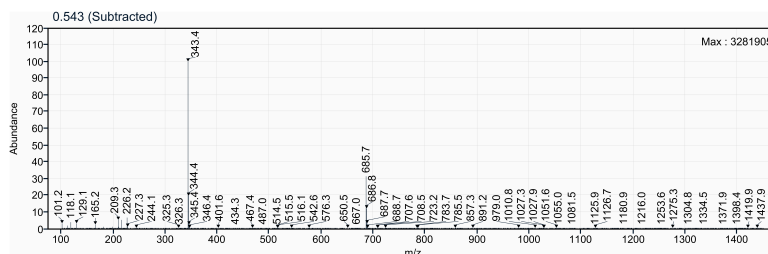
Compound	KPV10/KPV	CAS Number	67727-97-3
Formula	C ₁₆ H ₃₀ N ₄ O ₄	Molecular Weight	342.43
Manufacturer	N/A		

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

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

重要声明 / Important Notice

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LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: KPV10.dx

Sample name: KPV10

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

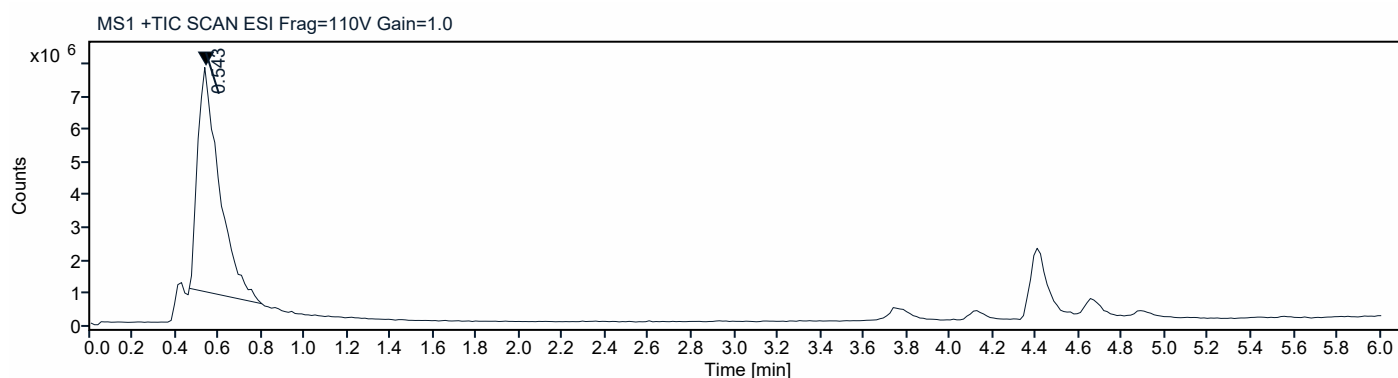
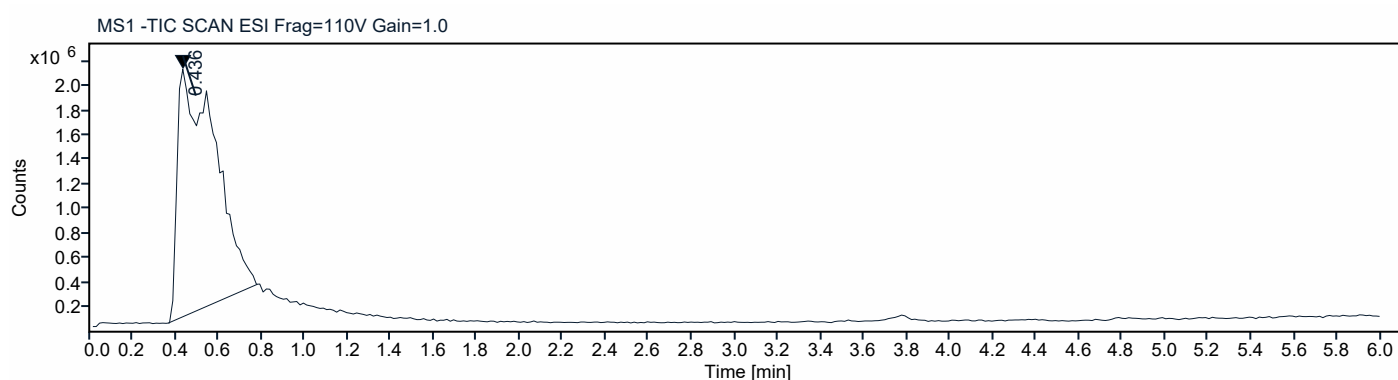
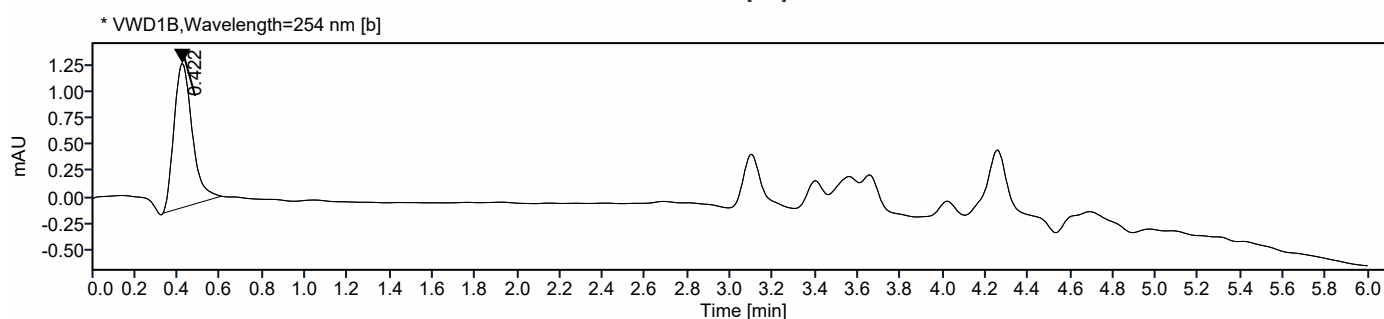
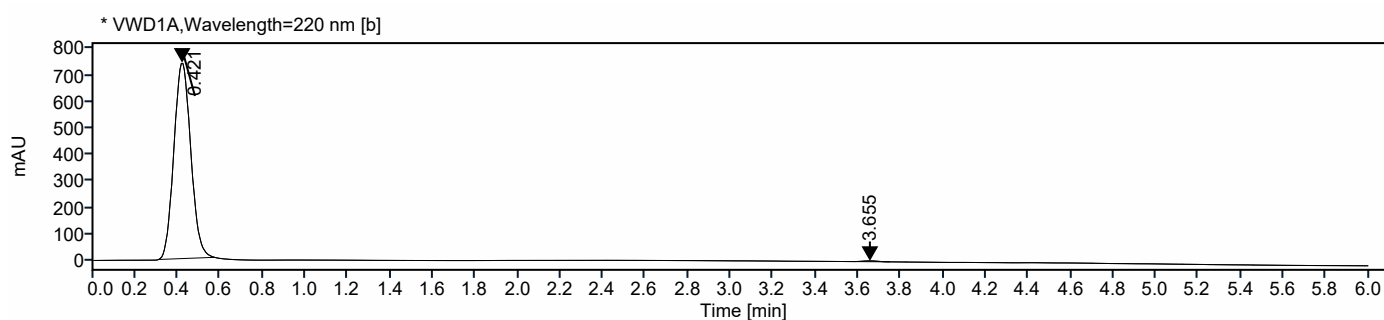
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-01 08:44:11+08:00

Location: P2-E1



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.543	MM m	0.3386	48270257.31 11	6899744.34 07	100.0000
Sum			48270257.31 11		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.436	MM m	0.4143	24247054.46 19	2011585.98 31	100.0000
Sum			24247054.46 19		

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]

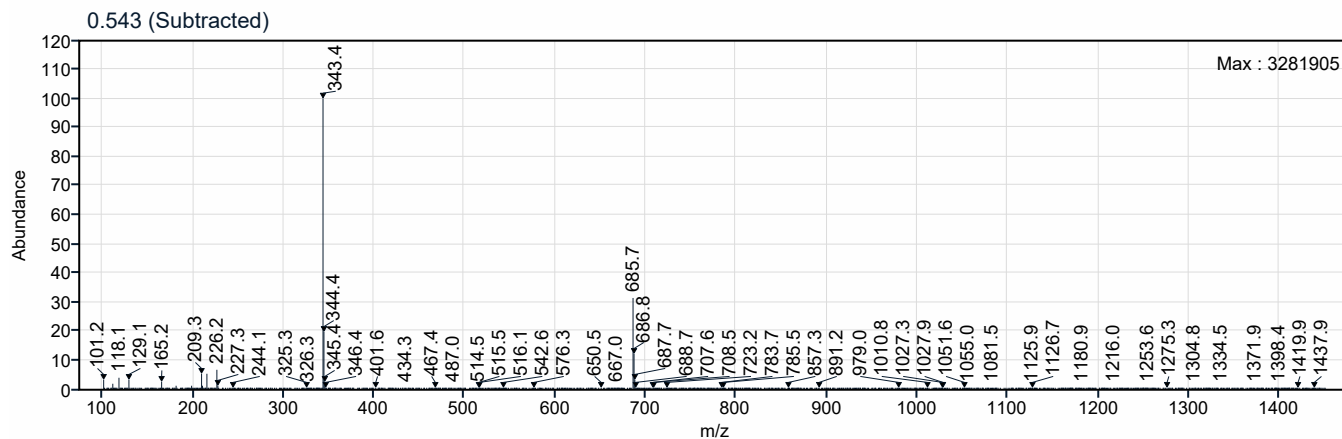
RT [min]	Type	Width [min]	Area	Height	Area%
0.422	MM m	0.2753	8.2233	1.3771	100.0000
Sum			8.2233		

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%

