



TEST REPORT

KPV10-20260901S8240

Authentication Code:

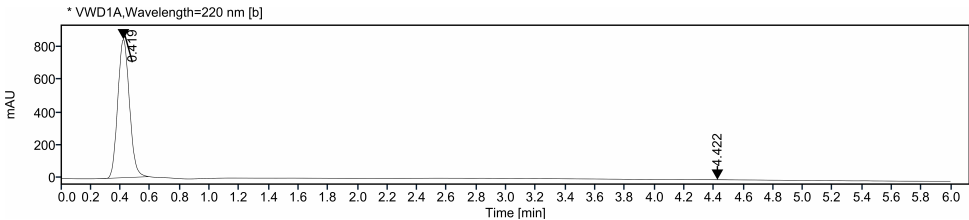
Sample Received: 2026-09-01

Analysis date: 2026-09-02



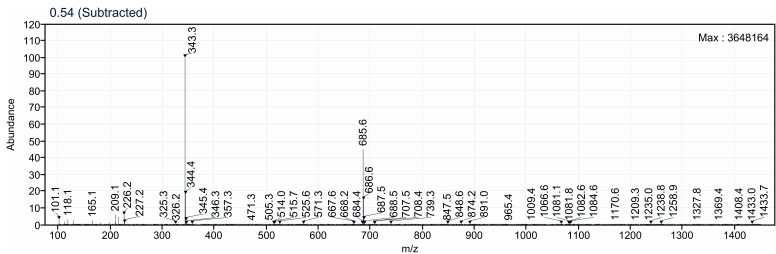
Compound	KPV10/KPV	CAS Number	67727-97-3
Formula	C ₁₆ H ₃₀ N ₄ O ₄	Molecular Weight	342.43
Manufacturer	Pepperation Station		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.419	MM m	0.3475	4575.1365	841.0237	99.8690
4.422	MM m	0.2347	6.0028	0.8474	0.1310
Sum			4581.1394		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.86%
Mass Spectrum	Conforms to [M+H] ⁺ , [M-H] ⁻	Detected
Peptides Weight	12.35 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

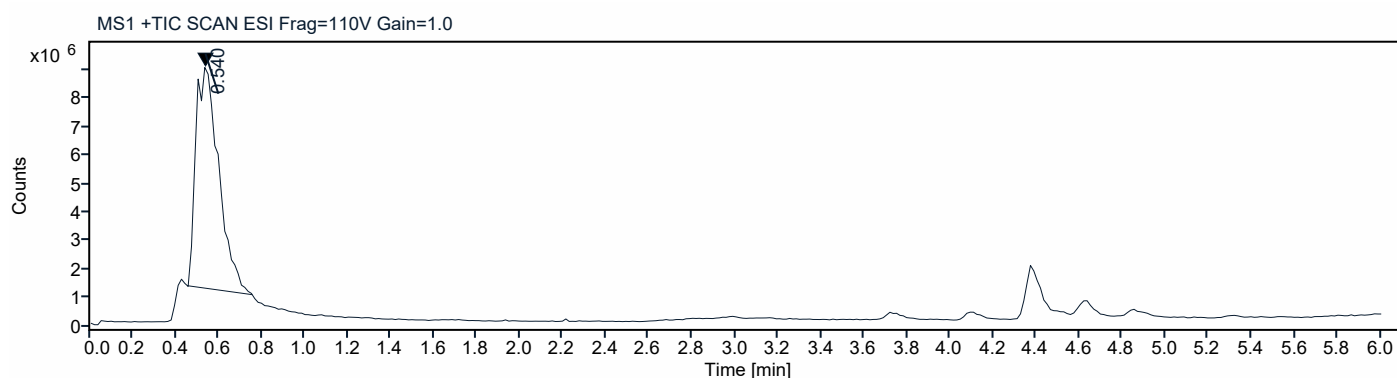
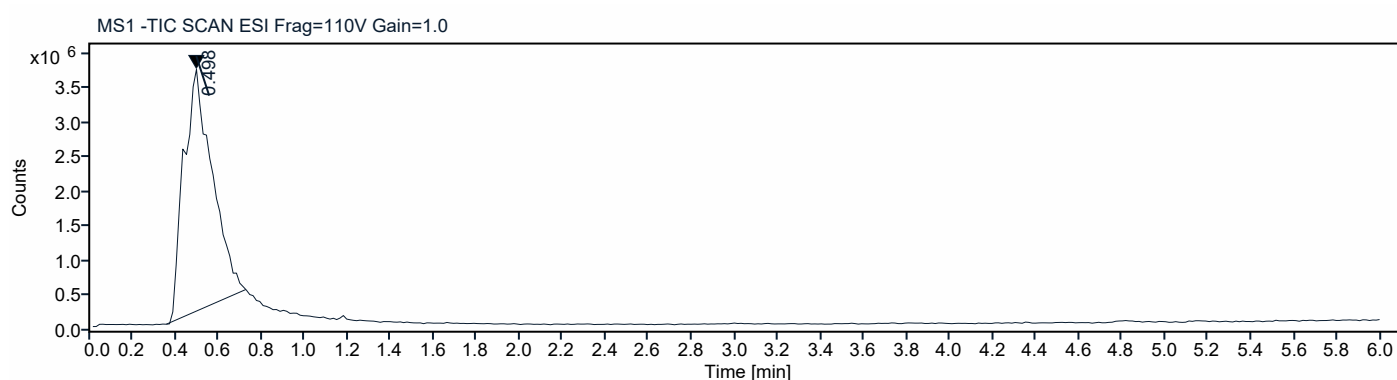
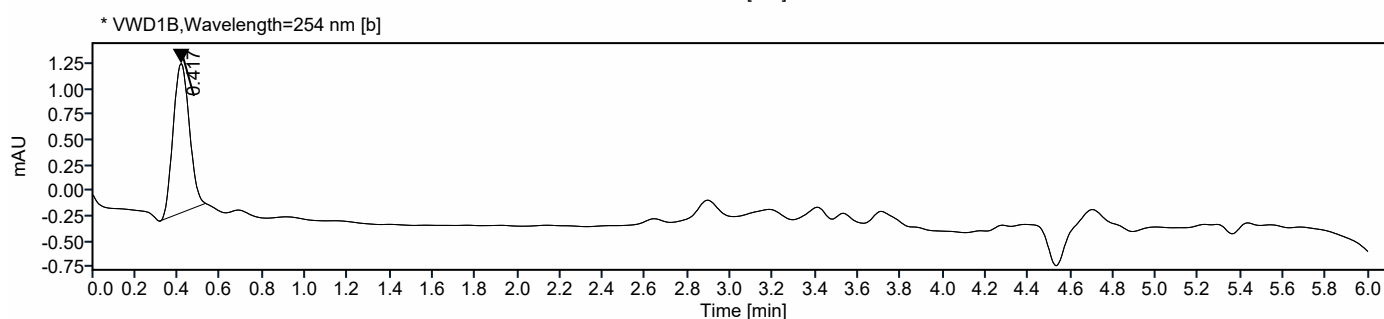
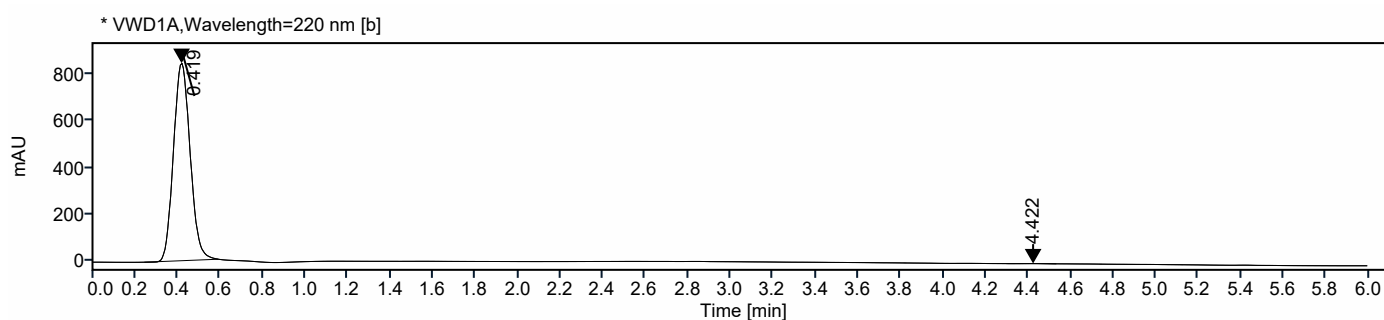
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-02 19:15:12+08:00

Location: P2-B5



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.540	MM m	0.3025	57690056.79 87	7772994.69 80	100.0000
Sum			57690056.79 87		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.498	MM m	0.3693	32259893.09 51	3509547.72 13	100.0000
Sum			32259893.09 51		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.419	MM m	0.3475	4575.1365	841.0237	99.8690
4.422	MM m	0.2347	6.0028	0.8474	0.1310
Sum			4581.1394		

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

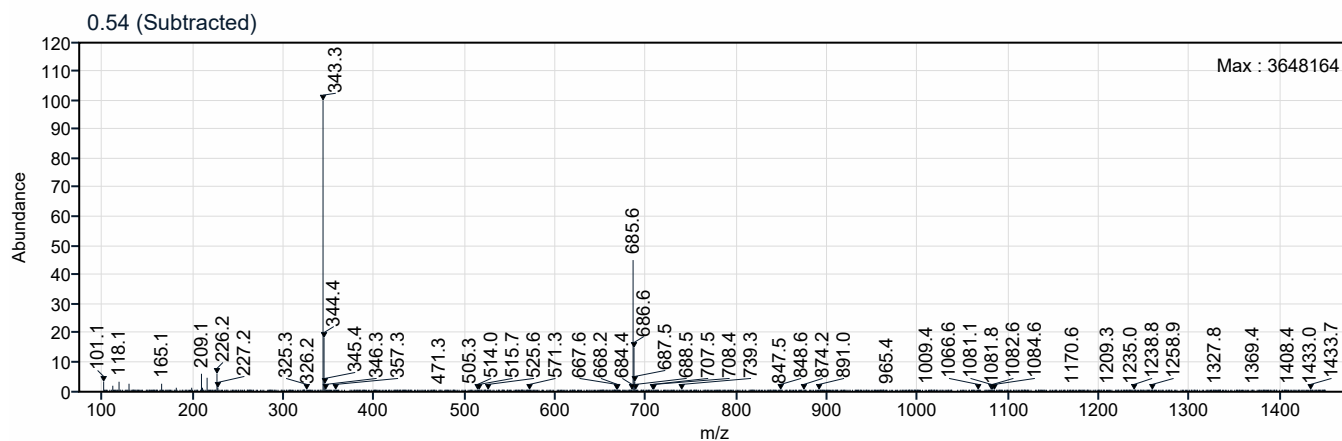
RT [min]	Type	Width [min]	Area	Height	Area%
0.417	MM m	0.2166	7.7694	1.4676	100.0000
Sum			7.7694		

Peak Details (Area Percent at least 1%)

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

Peak RT: 0.540 min

Area %: 100.00%



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

Peak RT: 0.498 min

Area %: 100.00%

