

TEST REPORT



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KPV10-20261019S9347

Sample Received: 2026-10-19

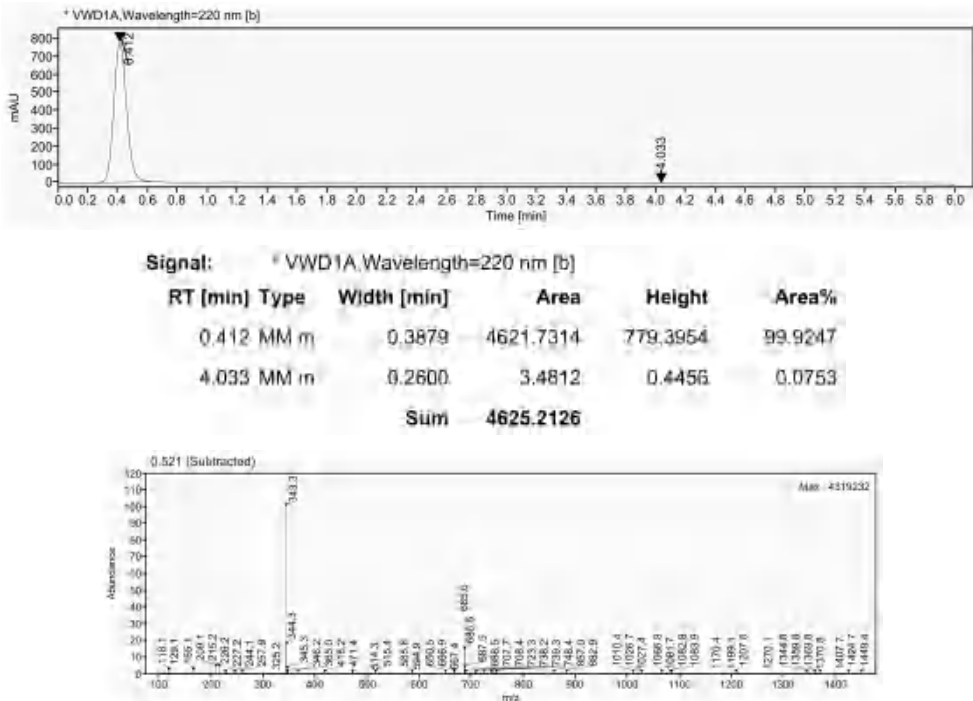
Authentication Code:

Analysis date: 2026-10-20



Compound	KPV10/KPV	CAS Number	67727-97-3
Formula	C ₁₆ H ₃₀ N ₄ O ₄	Molecular Weight	342.43
Manufacturer	CorePeptide	Batch Number	PPA-CP-KPV10-C1001

HPLC-MS Details:



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.92%
Mass Spectrum	Conforms to [M+H] ⁺ , [M-H] ⁻	Detected
Net Content	11.97 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

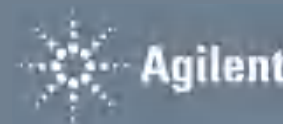
Zhibo Li, Technical Review

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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

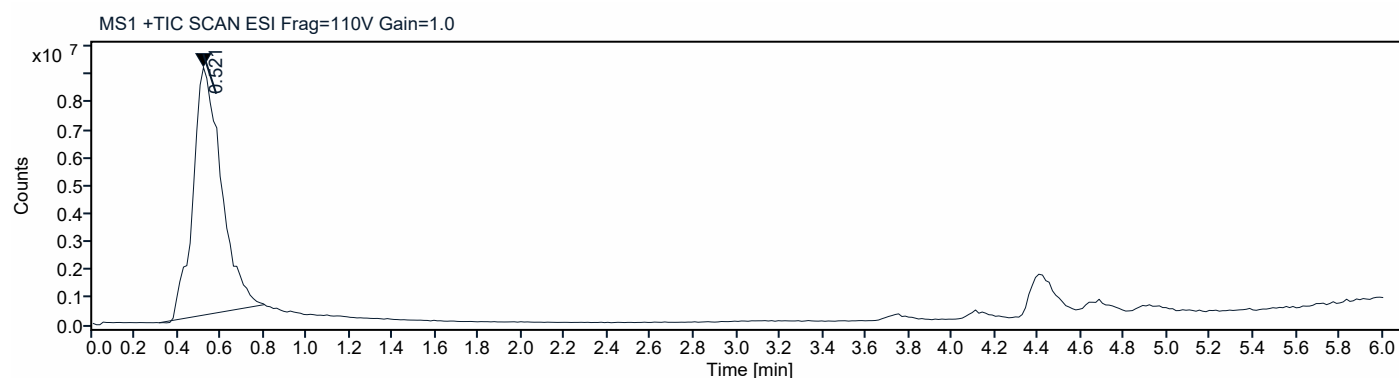
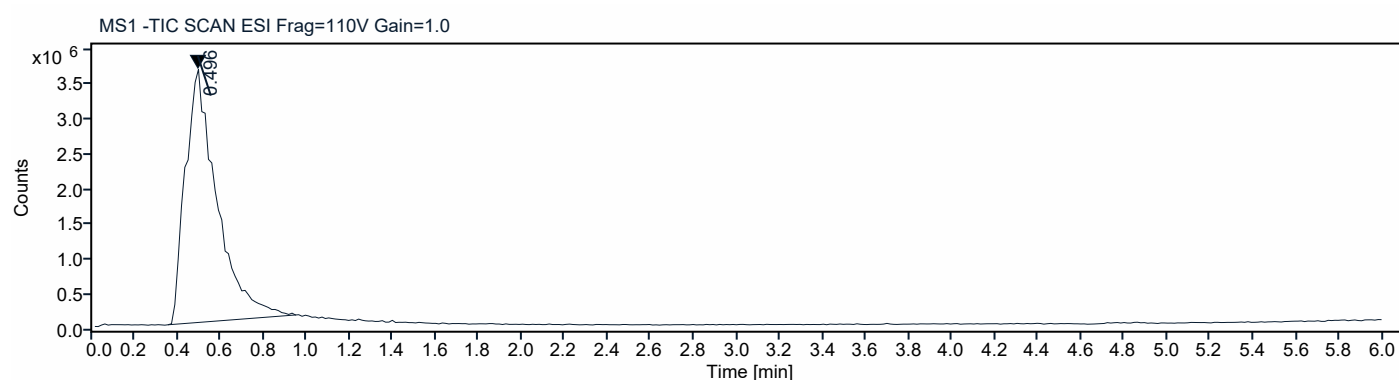
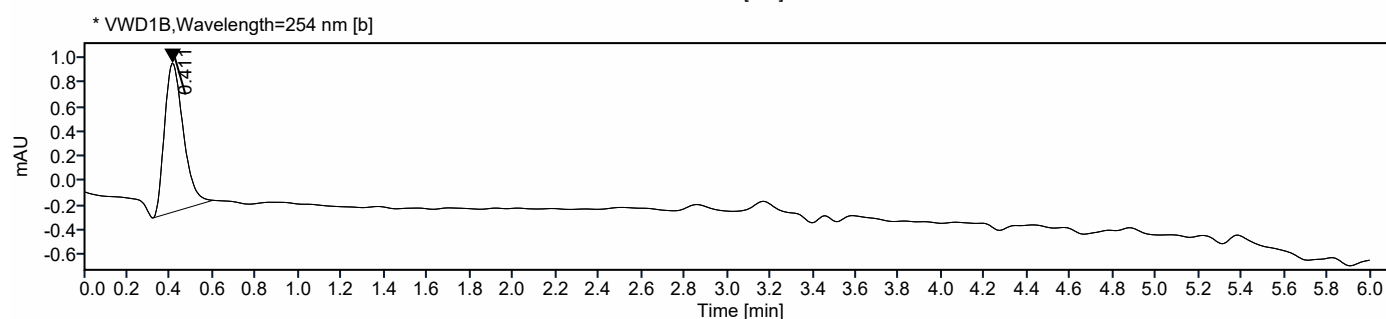
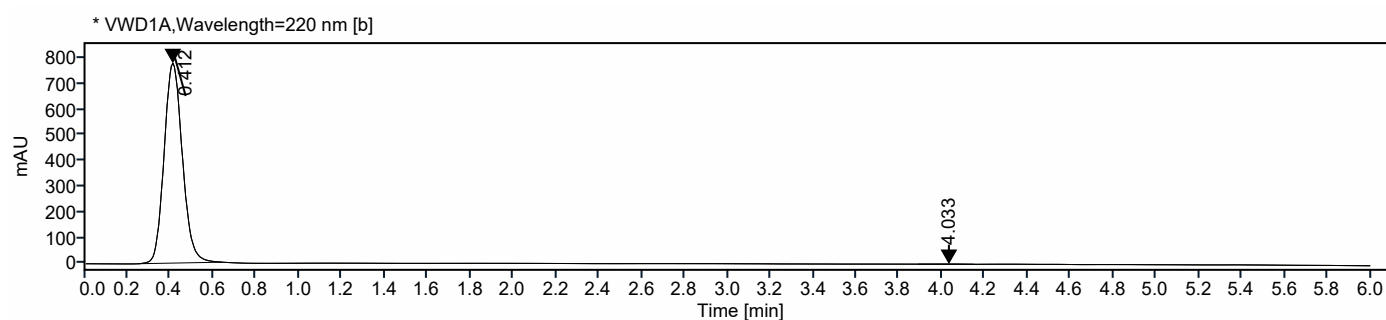
Processing method: LCMS-LJJ.pmx

Project name: 2026

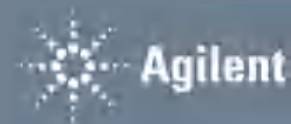
Operator: admin

Acquired on: 2026-10-20 22:52:39+08:00

Location: P1-E4



LCMS Sample Purity - Detailed Report



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.521	MM m	0.4904	81415319.54 12	8869103.74 14	100.0000
Sum			81415319.54 12		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.496	MM m	0.5955	36759672.63 57	3613715.84 99	100.0000
Sum			36759672.63 57		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.412	MM m	0.3879	4621.7314	779.3954	99.9247
4.033	MM m	0.2600	3.4812	0.4456	0.0753
Sum			4625.2126		

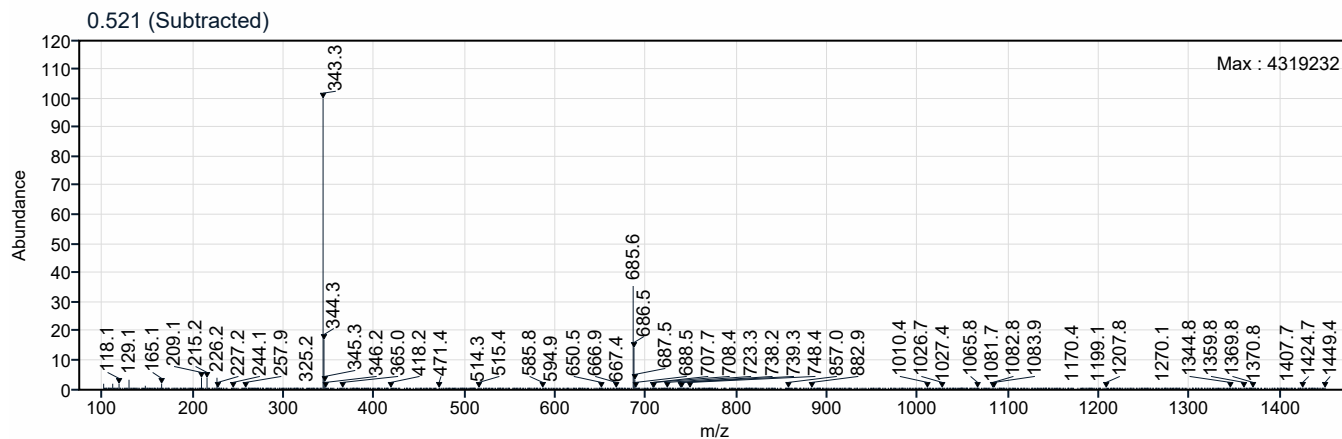
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
0.411	MM m	0.2771	7.4028	1.2102	100.0000
Sum			7.4028		

Peak Details (Area Percent at least 1%)

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

Peak RT: 0.521 min **Area %:** 100.00%



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

Peak RT: 0.496 min **Area %:** 100.00%

