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TEST REPORT

TR30-20261019S9347

Sample Received: 2026-10-19

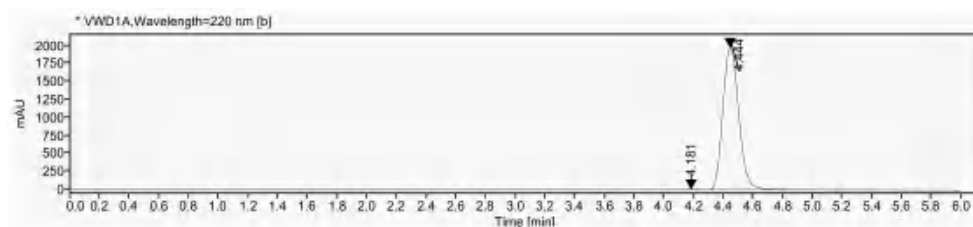
Authentication Code:

Analysis date: 2026-10-20

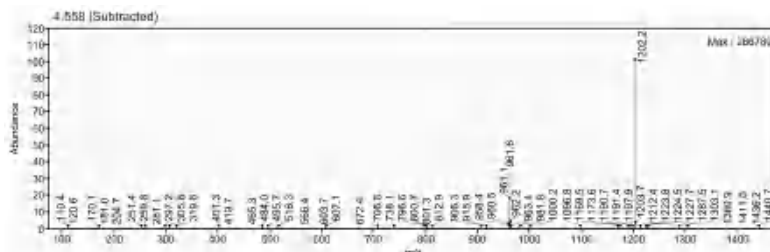


Compound	TR30/Tirzepatide	CAS Number	2023788-19-2
Formula	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈	Molecular Weight	4813.45
Manufacturer	CorePeptide	Batch Number	PPA-CP-TR30-C1001

HPLC-MS Details:



Signal: * VWD1A, Wavelength=220 nm [b]					
RT [min]	Type	Width [min]	Area	Height	Area%
4.181	MM m	0.2515	14.7500	2.3033	0.1006
4.444	MM m	0.9037	14647.8814	1967.3364	99.8994
Sum			14662.6314		



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
Net Content	31.36 mg	

Peng Gao, Data Compilation

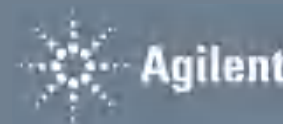
Zhibo Li, Technical Review

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LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: TR30.dx

Sample name: TR30

Instrument: LCMS

Inj. volume: 5.000 μ L

Acq. method: LCMS-02AB.amx

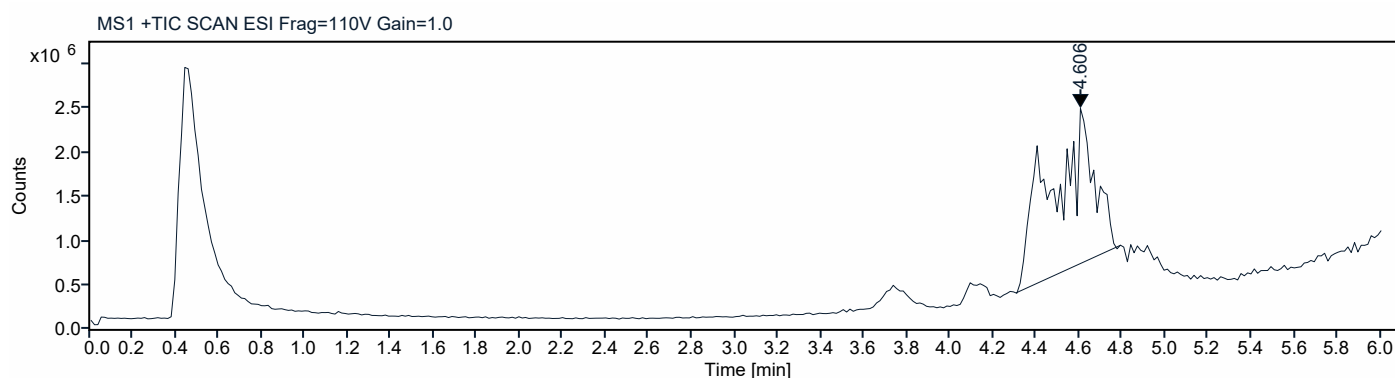
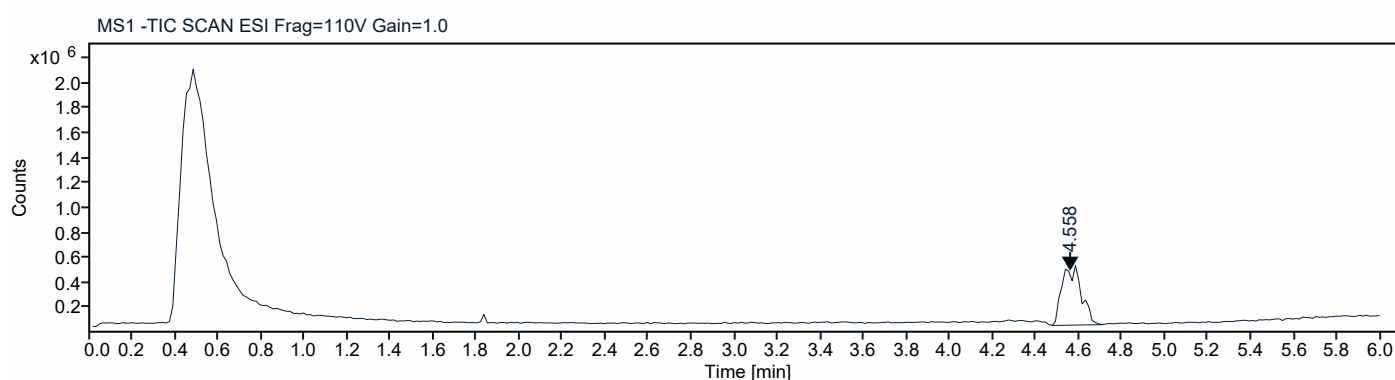
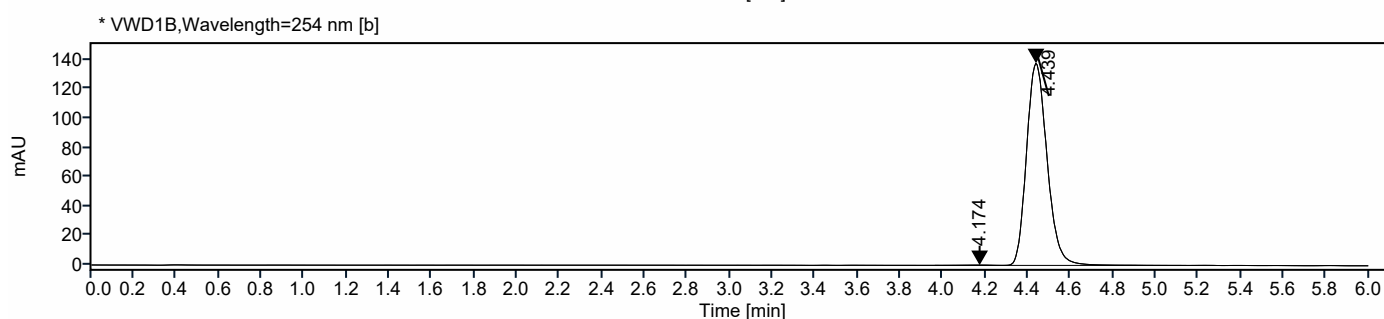
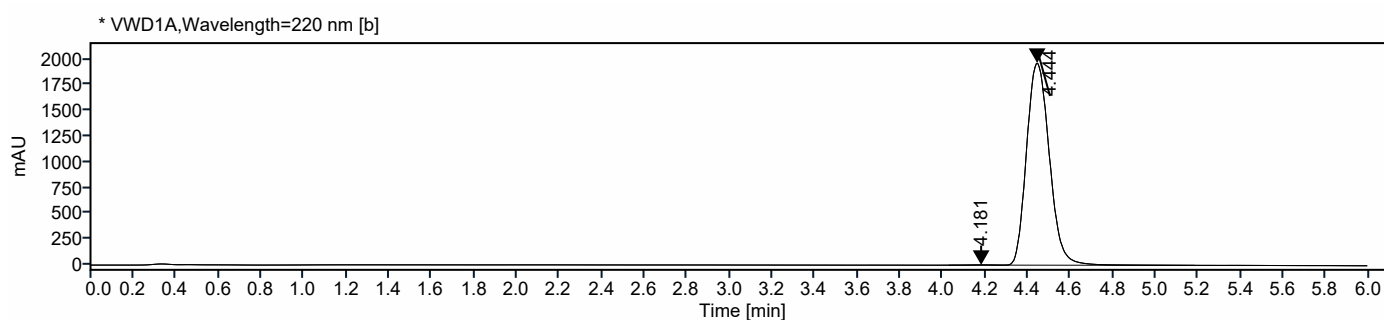
Processing method: LCMS-LJJ.pmx

Project name: 2026

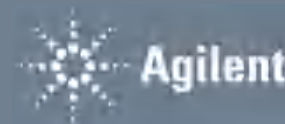
Operator: admin

Acquired on: 2026-10-20 22:36:56+08:00

Location: P1-E2



LCMS Sample Purity - Detailed Report



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.606	MM m	0.4861	24253921.13 30	1757463.64 30	100.0000
Sum			24253921.13 30		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.558	BB	0.2330	3001261.16 03	434864.7445	100.0000
Sum			3001261.16 03		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.181	MM m	0.2515	14.7500	2.3033	0.1006
4.444	MM m	0.9037	14647.8814	1967.3364	99.8994
Sum			14662.6314		

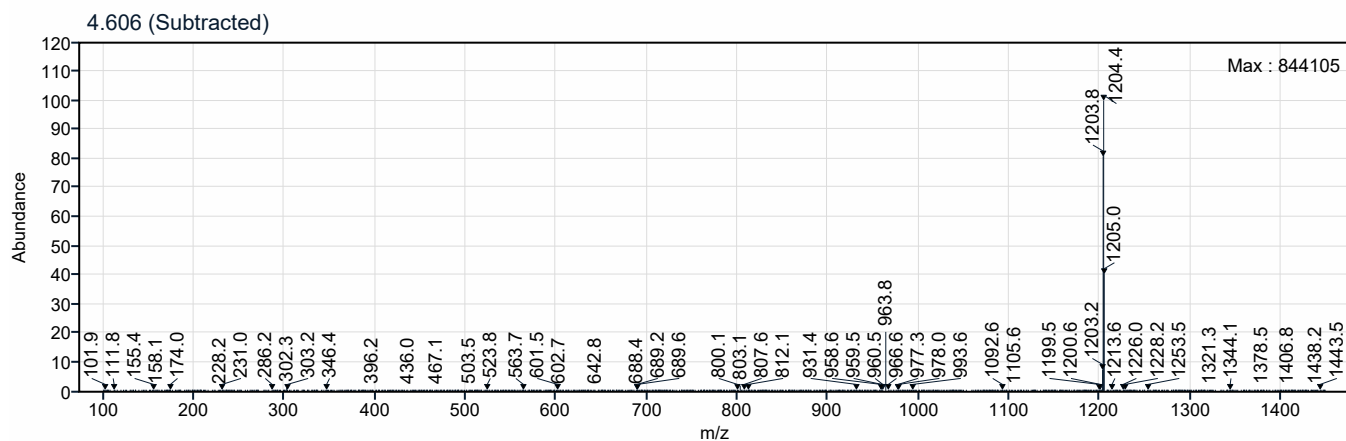
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.174	MM m	0.3140	1.2775	0.1664	0.1380
4.439	BB	0.8662	924.7137	137.6782	99.8620
Sum			925.9912		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.606 min **Area %:** 100.00%



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

Peak RT: 4.558 min **Area %:** 100.00%

