

TEST REPORT



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PI10-2026016S5549

Sample Received: 2026-09-17

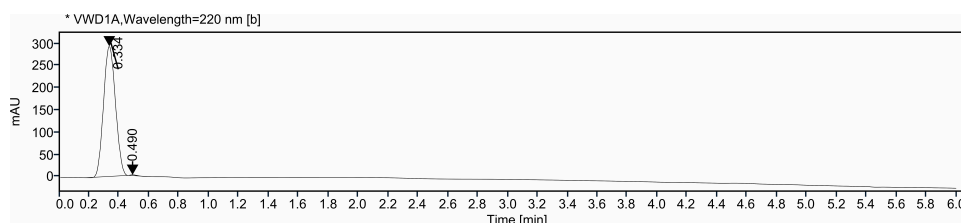
Authentication Code:

Analysis date: 2026-09-17



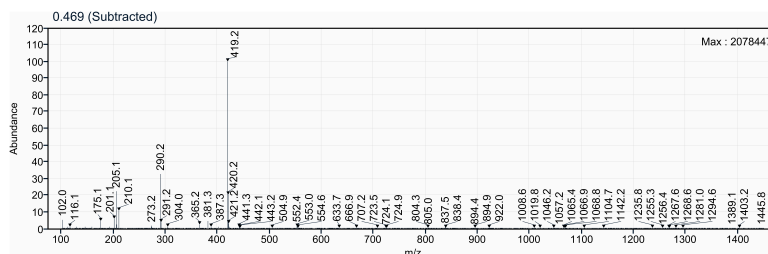
Compound	PI10/Pinealon	CAS Number	175175-23-2
Formula	C ₁₅ H ₂₆ N ₆ O ₈	Molecular Weight	418.4
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.334	MM m	0.2843	1617.1838	292.3339	99.7169
0.490	MM m	0.1399	4.5916	1.7989	0.2831
Sum			1621.7754		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.71%
Mass Spectrum	Conforms to [M+H] ⁴⁺	Detected
Net Content	12.31 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: PI10.dx

Sample name: PI10

Instrument: LCMS

Inj. volume: 5.000 μ L

Acq. method: LCMS-02AB.amx

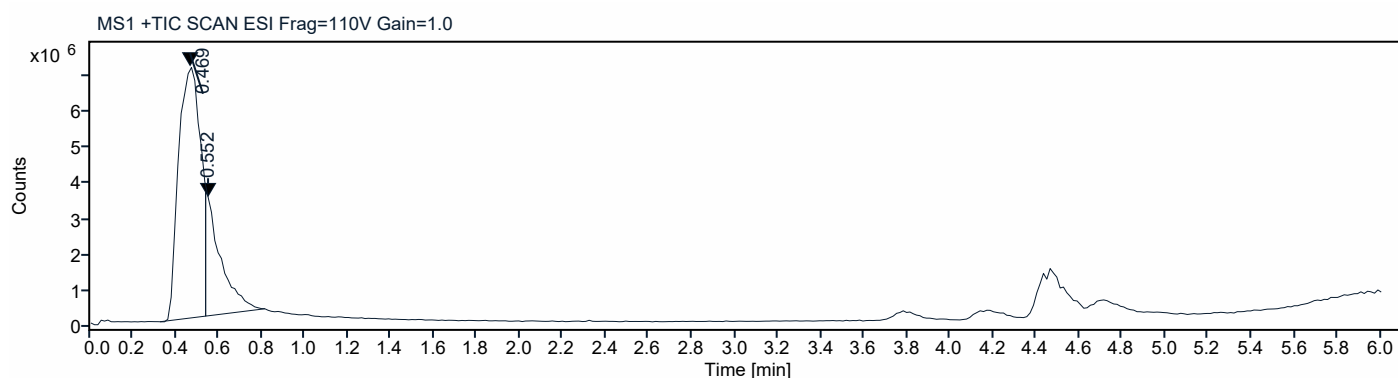
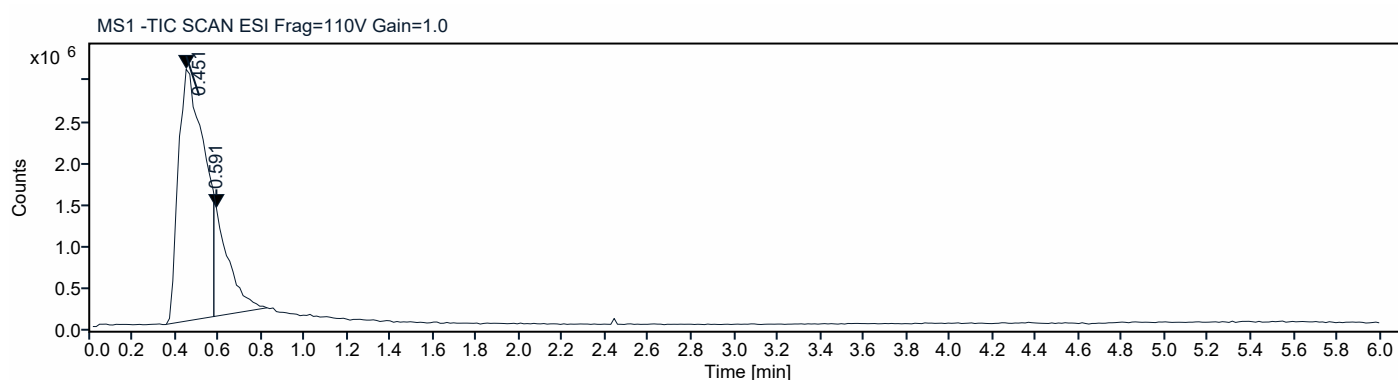
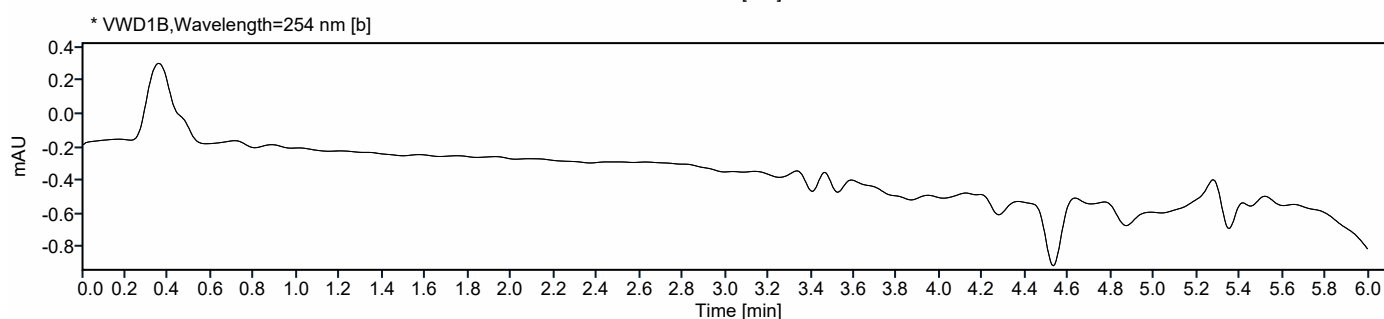
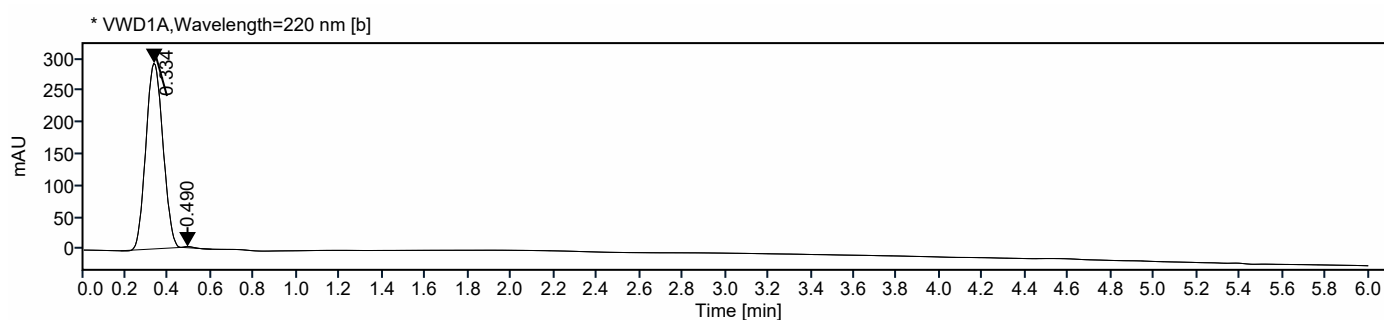
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-17 12:55:53+08:00

Location: P1-D5



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.469	MM m	0.2122	49408891.72 07	7038294.87 38	75.0434
0.552	MM m	0.2754	16431553.68 79	3317182.93 26	24.9566
Sum			65840445.40 86		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.451	MM m	0.2206	25053174.66 46	3021658.43 34	79.8504
0.591	MM m	0.2476	6321949.35 40	1292541.54 10	20.1496
Sum			31375124.01 86		

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

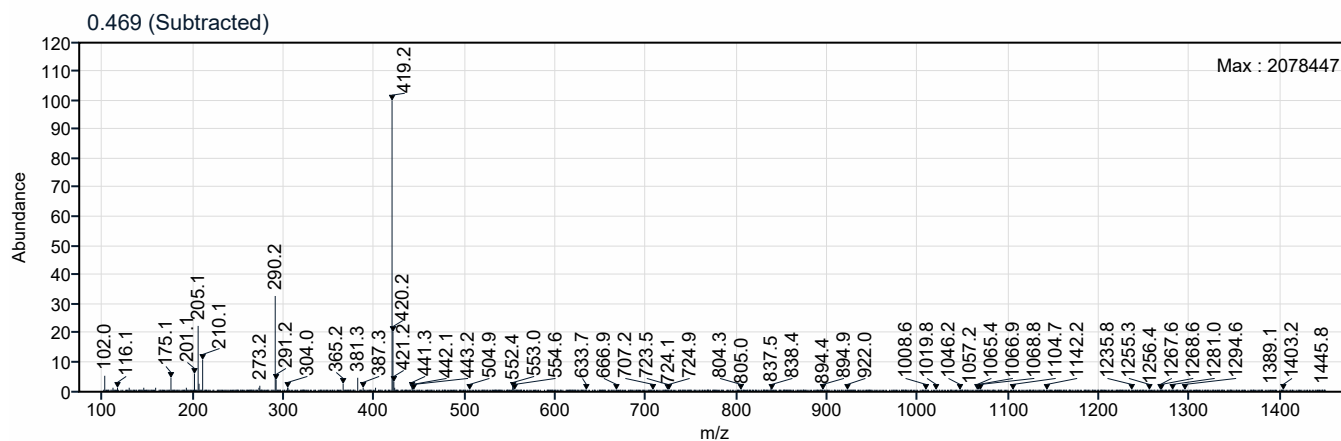
RT [min]	Type	Width [min]	Area	Height	Area%
0.334	MM m	0.2843	1617.1838	292.3339	99.7169
0.490	MM m	0.1399	4.5916	1.7989	0.2831
Sum			1621.7754		

Peak Details (Area Percent at least 1%)

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

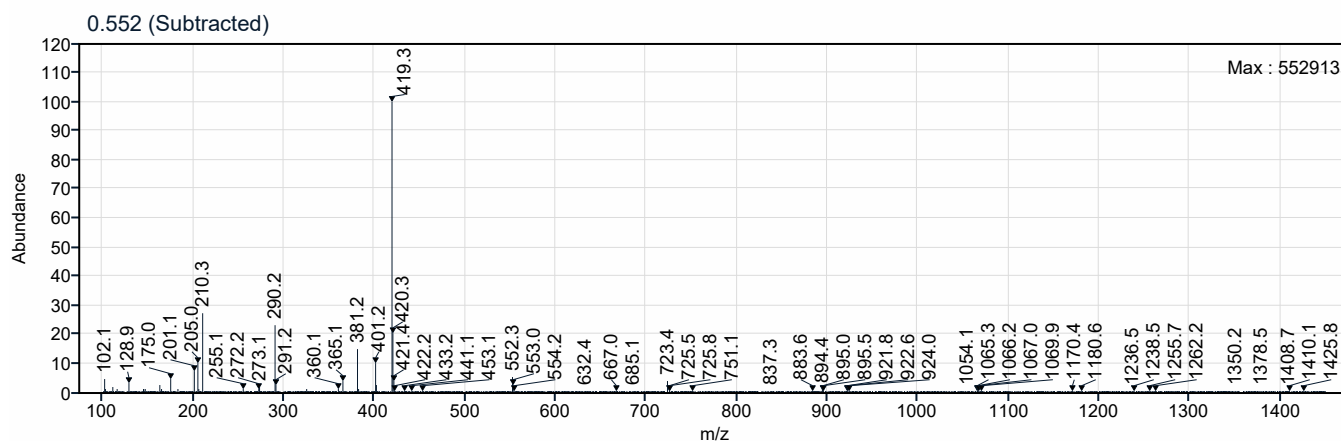
Peak RT: 0.469 min

Area %: 75.04%



Peak RT: 0.552 min

Area %: 24.96%



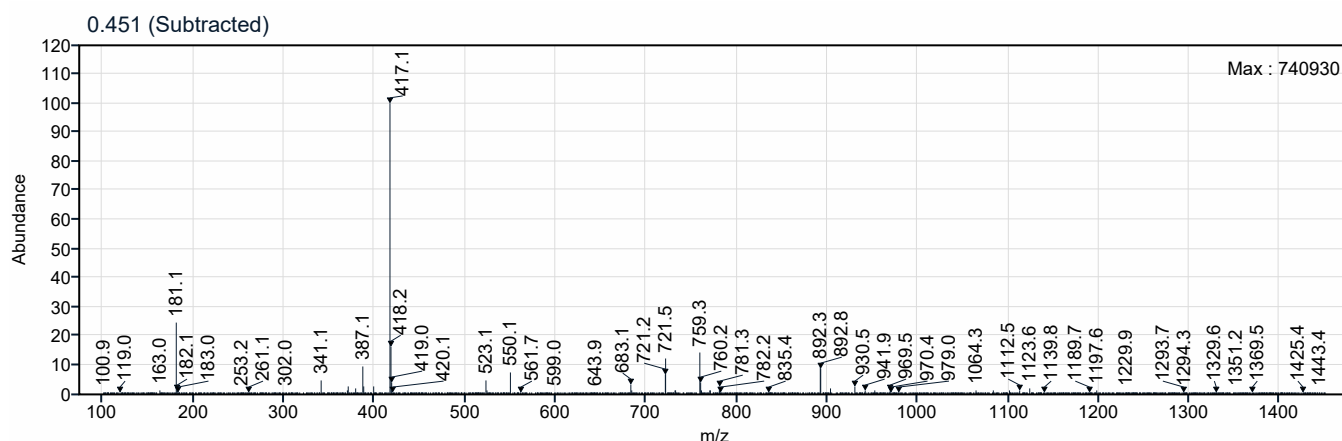
LCMS Sample Purity - Detailed Report



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

Peak RT: 0.451 min

Area %: 79.85%



Peak RT: 0.591 min

Area %: 20.15%

