TEST REPORT

E: contact@tjqxgd.com
W: www.tjqxgd.com

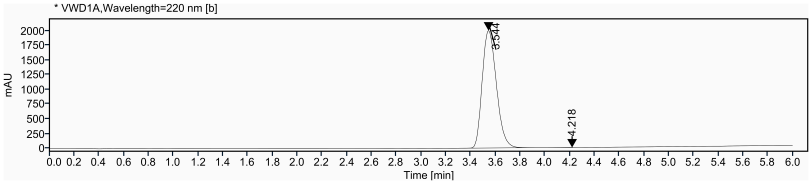
ML10-20261009S6460 **Sample Received: 2026-10-09**

Authentication Code: **Analysis date: 2026-10-10**



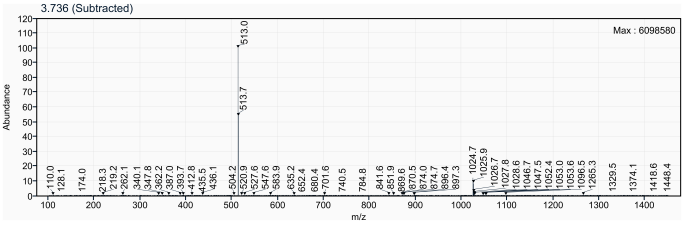
Compound	ML10/Melanotan II	CAS Number	121062-08-6
Formula	$C_{50}H_{69}N_{15}O_9$	Molecular Weight	1024.2
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.544	BB	0.6147	15871.2929	1995.4084	99.8920
4.218	MM m	0.1961	17.1591	2.6348	0.1080
		Sum	**15888.4520**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.89%
Mass Spectrum	Conforms to $[M+3/2]^{3/2+}$	Detected
Endotoxin	1.662 EU/vial	
Net Content	12.15 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

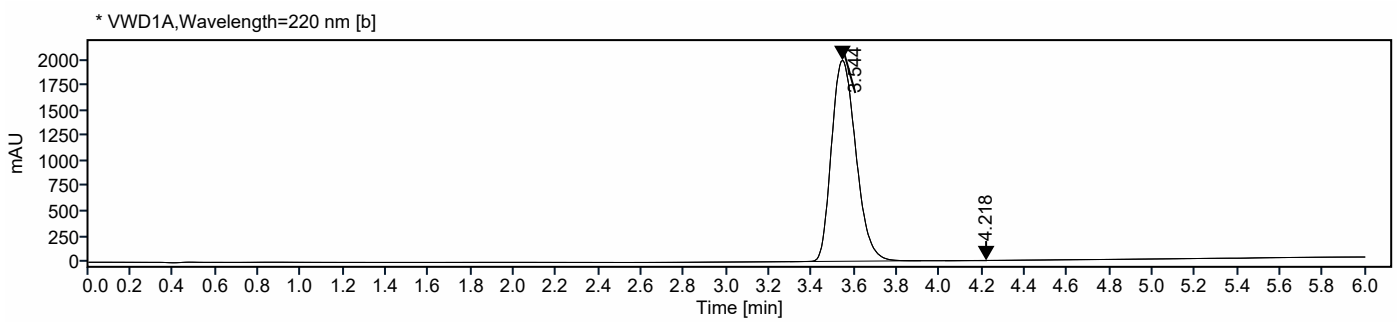
重要声明 / Important Notice

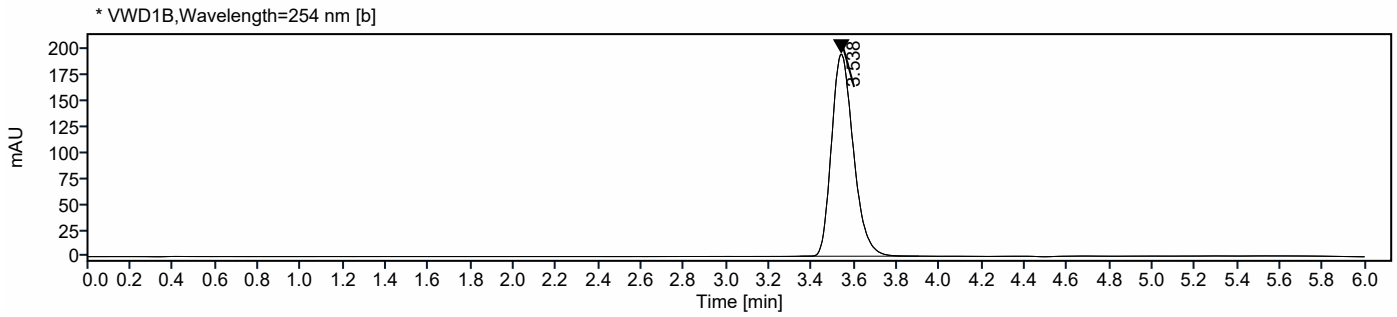
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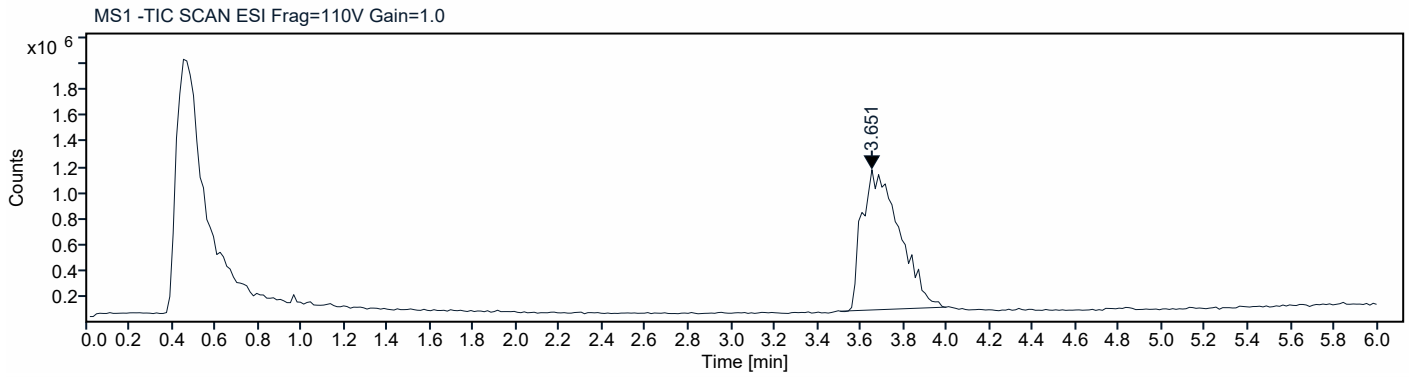
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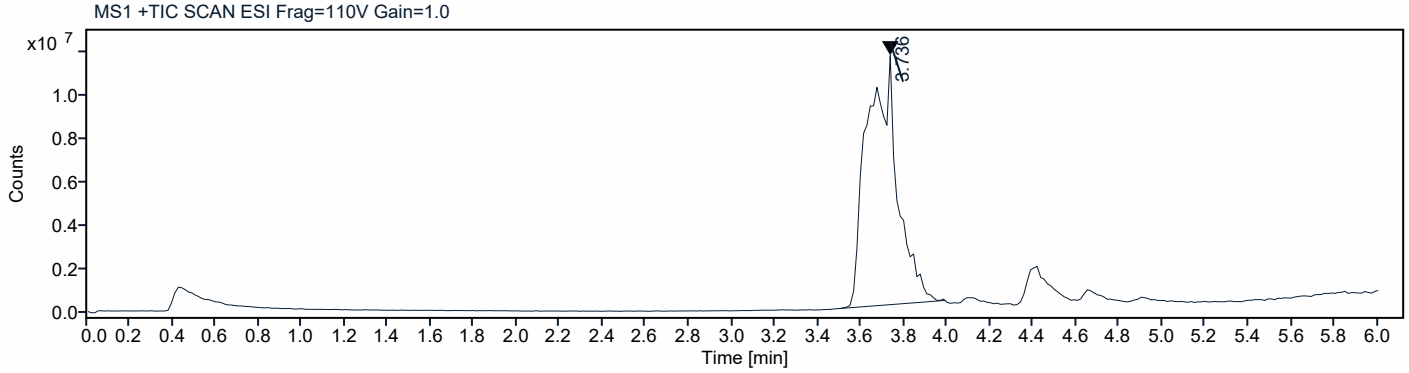
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	ML10.dx	**Project name:**	2026
Sample name:	ML10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-10 10:32:07+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F3
Acq. method:	LCMS-02AB.amx		
Processing method:	LCMS-LJJ.pmx		









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

RT [min]	Type	Width [min]	Area	Height	Area%
3.736	MM m	0.4947	114268216.8575	11449253.2319	100.0000
		Sum	**114268216.8575**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.651	MM m	0.4934	13098487.4379	1084451.2231	100.0000
		Sum	**13098487.4379**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.544	BB	0.6147	15871.2929	1995.4084	99.8920
4.218	MM m	0.1961	17.1591	2.6348	0.1080
		Sum	**15888.4520**		

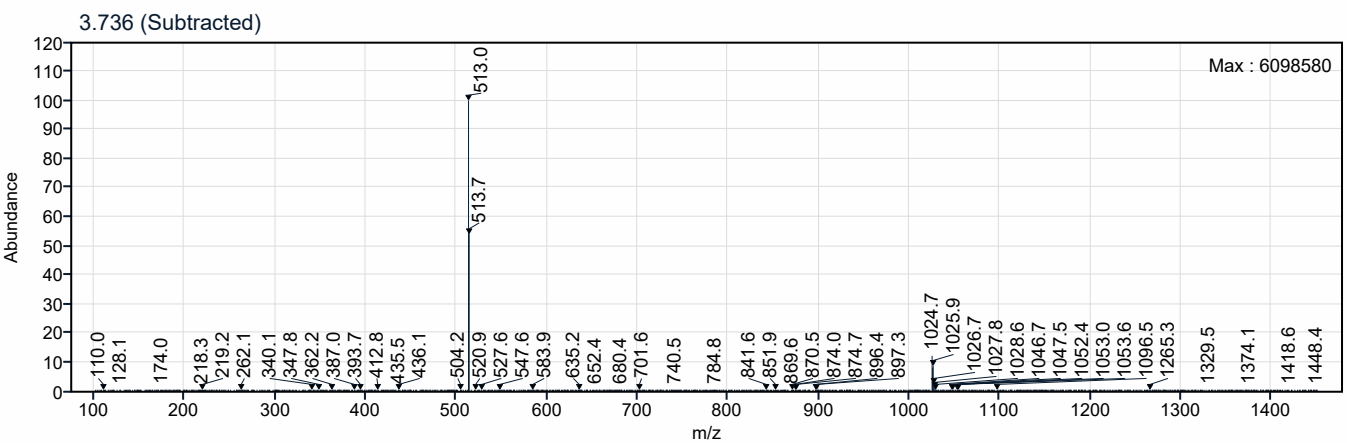
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.538	MM m	0.5584	1394.7870	195.2845	100.0000
		Sum	**1394.7870**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.736 min **Area %:** 100.00%



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

Peak RT: 3.651 min **Area %:** 100.00%

