TEST REPORT

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

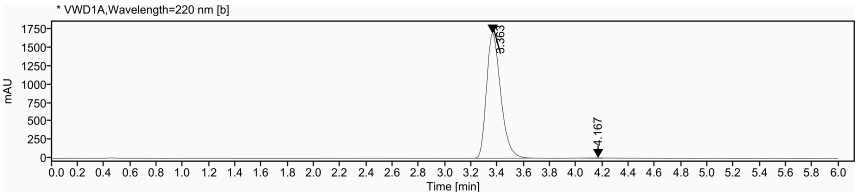
MT10-20260928S7783 **Sample Received: 2026-09-28**

Authentication Code: **Analysis date: 2026-09-28**



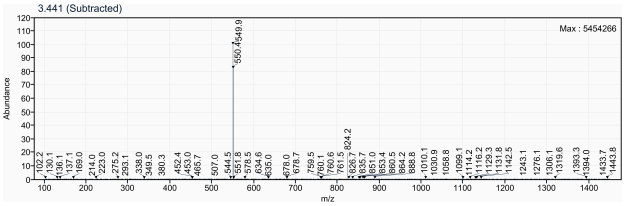
Compound	MT10/Melanotan I	CAS Number	75921-69-6
Formula	$C_{78}H_{111}N_{21}O_{19}$	Molecular Weight	1646.8
Batch Number	BD-MT-1026 for Melanotan I		
Manufacturer	BODI Research		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.363	MM m	0.5325	12746.3361	1695.2395	99.8009
4.167	MM m	0.1895	25.4314	3.6749	0.1991
		Sum	12771.7675		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.80%
Mass Spectrum	Conforms to $[M+3/2]^{3/2+}$	Detected
Endotoxin	0.761 EU/Vial	
Net Content	13.57 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

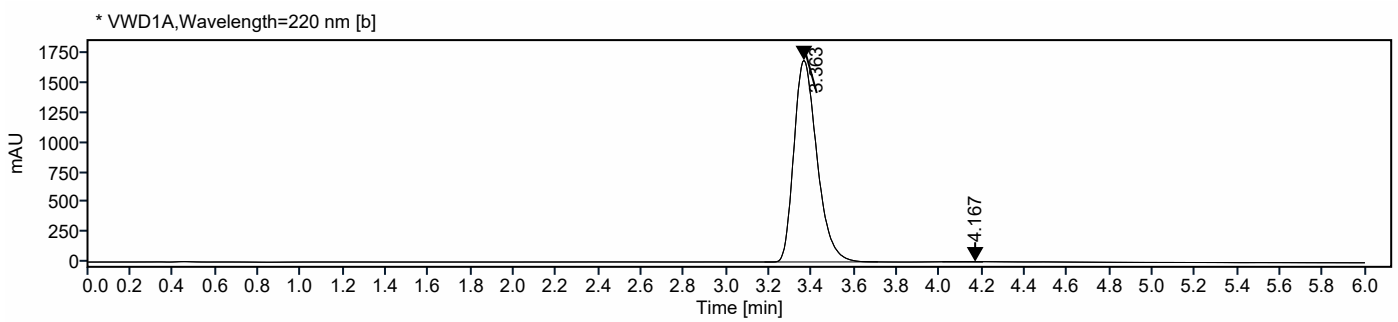
重要声明 / Important Notice

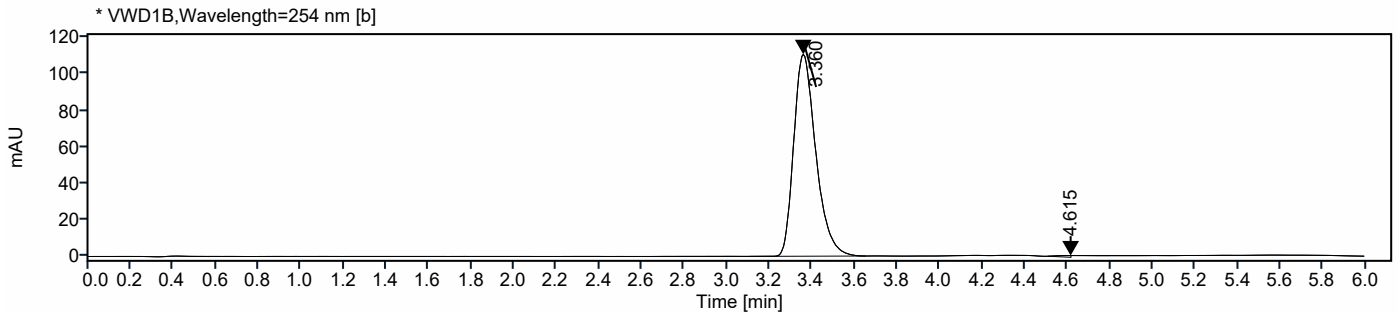
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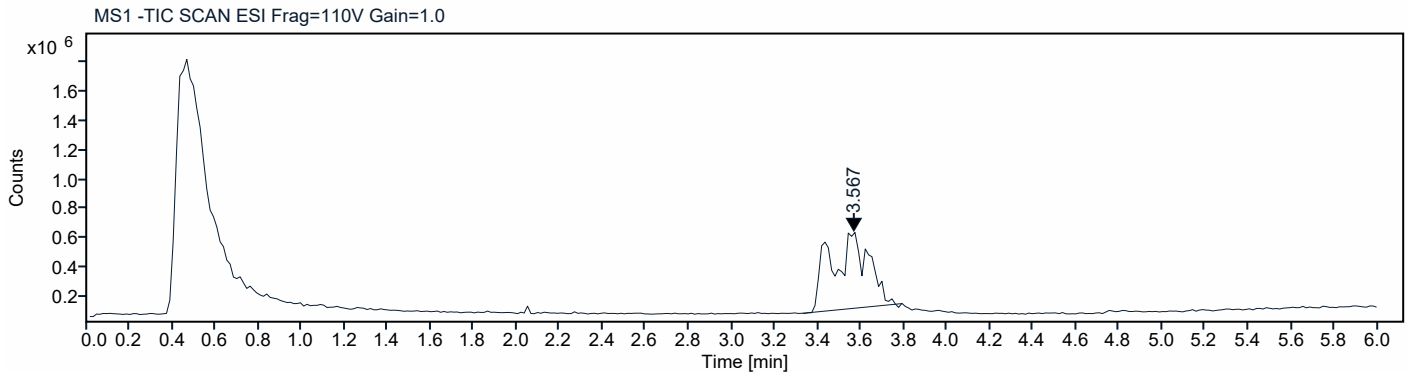
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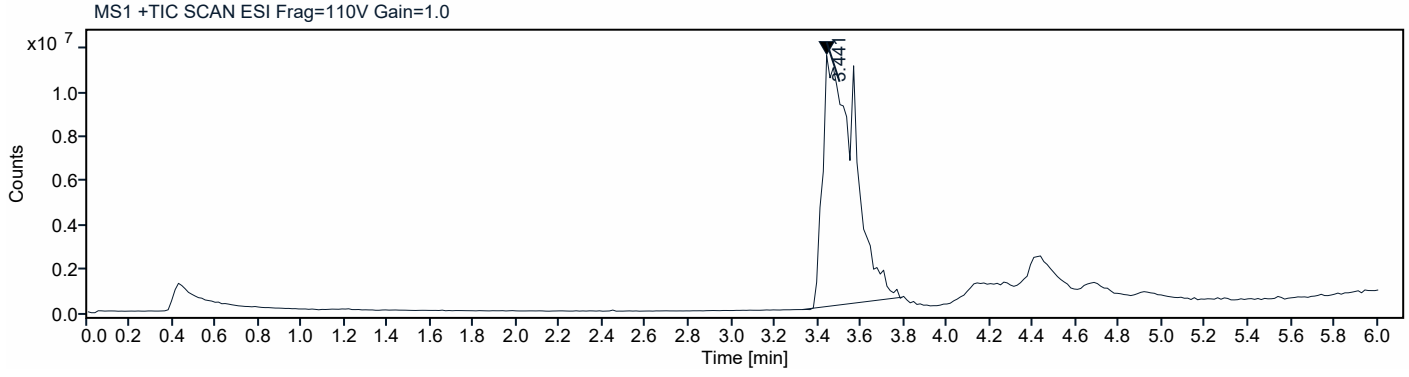
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	MT10.dx	**Project name:**	2026
Sample name:	MT10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-28 18:34:50+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F5
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%
3.441	MM m	0.4650	116105983.4216	11345606.2572	100.0000
		Sum	**116105983.4216**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.567	MM m	0.4593	6233858.8576	518112.8377	100.0000
		Sum	**6233858.8576**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.363	MM m	0.5325	12746.3361	1695.2395	99.8009
4.167	MM m	0.1895	25.4314	3.6749	0.1991
		Sum	**12771.7675**		

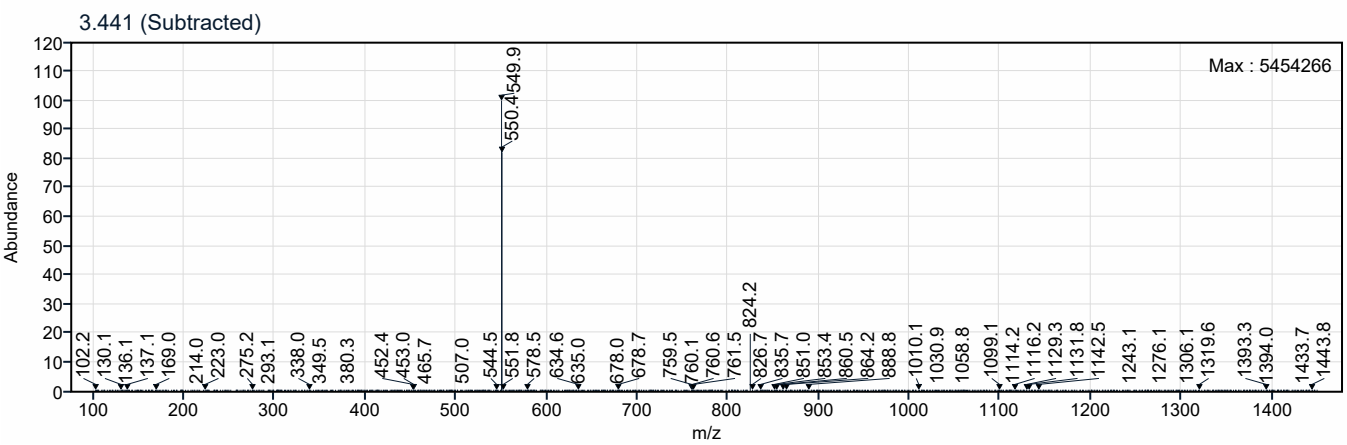
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.360	BB	0.5462	799.1075	110.8442	99.5511
4.615	MM m	0.1083	3.6037	0.9613	0.4489
		Sum	**802.7112**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.441 min **Area %:** 100.00%



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

Peak RT: 3.567 min **Area %:** 100.00%

