TEST REPORT

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

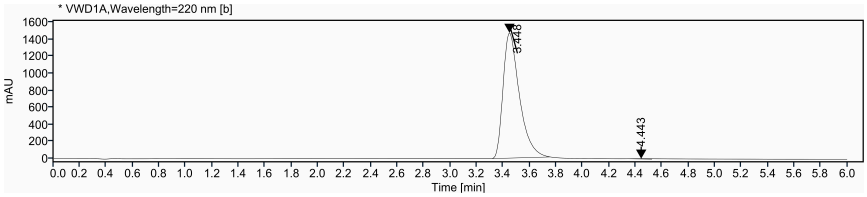
MS10-20260928S7783 **Sample Received: 2026-09-28**

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



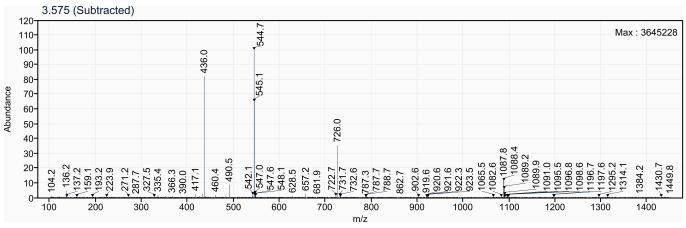
Compound	MS10/Mots-C	CAS Number	1627580-64-6
Formula	$C_{101}H_{152}N_{28}O_{22}S_2$	Molecular Weight	2174.6
Batch Number	BD-MOT10-1026 for MOTS-c		
Manufacturer	BODI Research		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.448	MM m	0.4423	12561.8353	1467.1773	99.7329
4.443	MM m	0.1760	33.6389	3.7871	0.2671
		Sum	**12595.4742**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.73%
Mass Spectrum	Conforms to $[M+5/4/3/2]^{5/4/3/2+}$	Detected
Endotoxin	0.991 EU/Vial	
Net Content	10.39 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

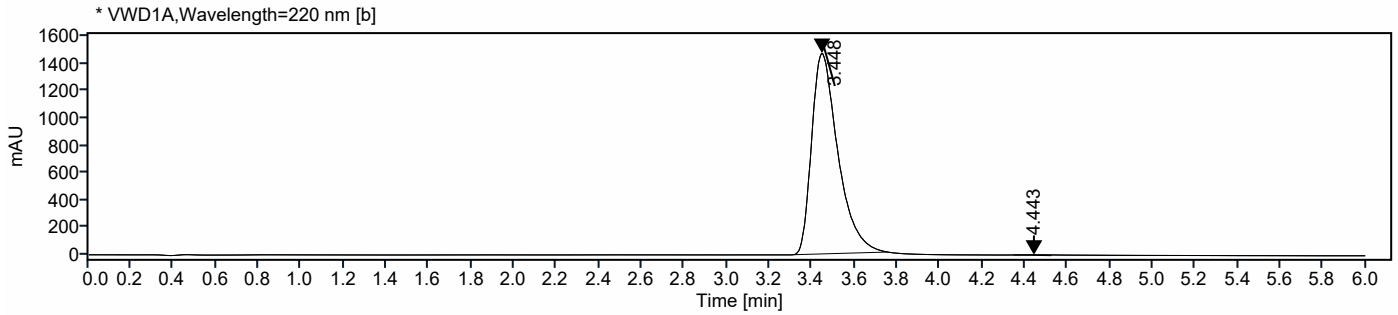
重要声明 / Important Notice

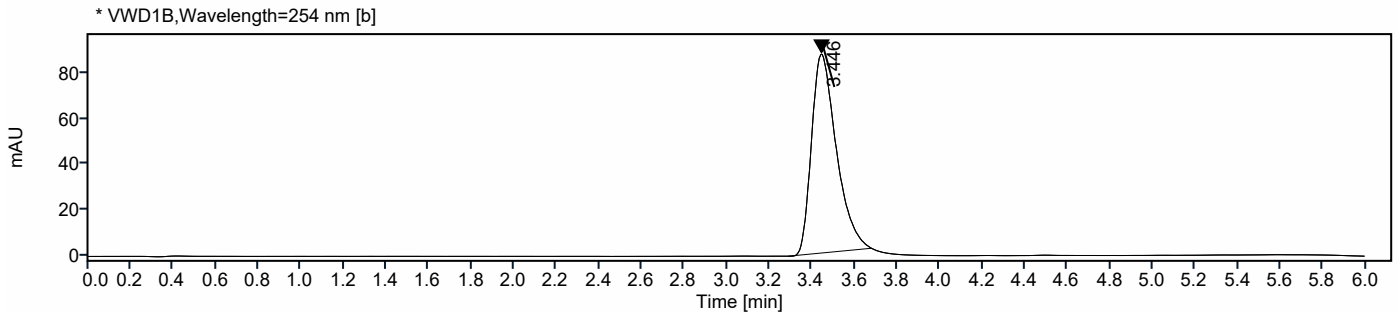
本检测数据由第三方合作实验室提供，本公司负责数据整理、审核与文件出具。本公司及合作检测方均不持有 CMA/CNAS 认证资质，本文件不具有法定证明效力，不得用于监管申报、诉讼举证或其他要求法定认证文件的用途。相关产品仅限科学研究用途，不得用于人类或兽医用途、诊断、治疗或临床应用。

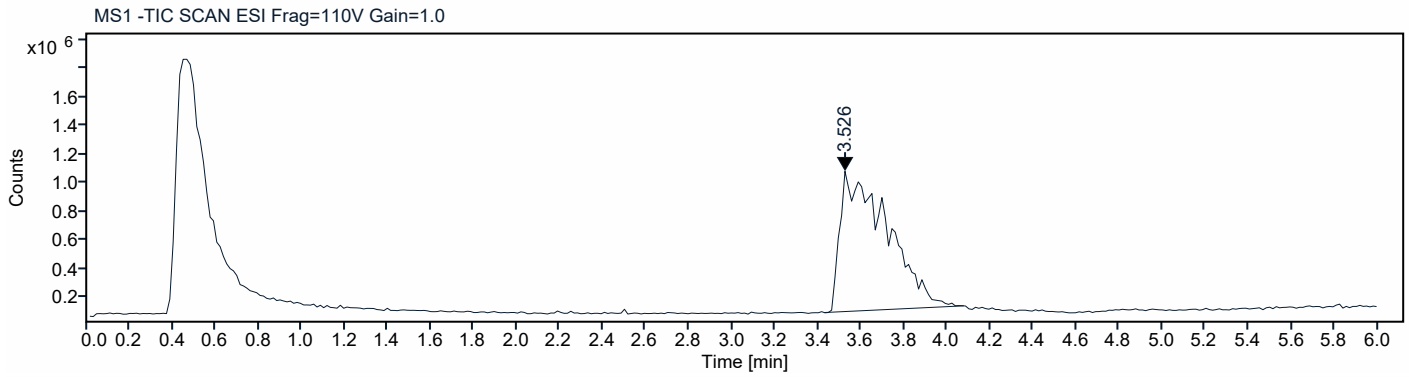
This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It shall not be used for regulatory submissions, litigation evidence, or any other purpose requiring legally accredited documentation. The related products are intended for scientific research use only and have not been approved for human or veterinary use, diagnosis, treatment, or clinical application. Results should be interpreted by qualified professionals within the intended scope of research.

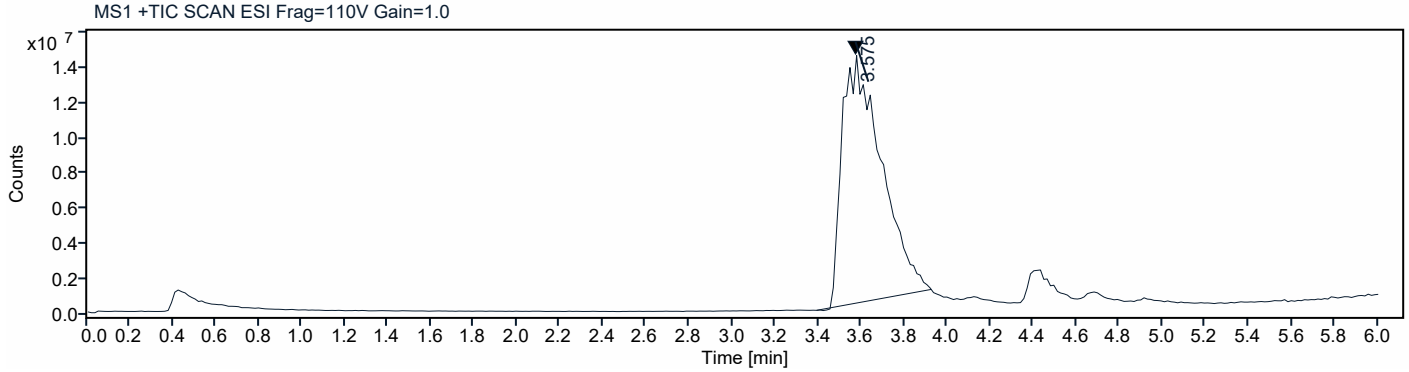
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	MS10.dx	**Project name:**	2026
Sample name:	MS10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-28 18:50:38+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F8
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%
3.575	MM m	0.5327	178558502.2192	14129111.8481	100.0000
		Sum	**178558502.2192**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.526	MM m	0.6484	14899509.4641	980591.5162	100.0000
		Sum	**14899509.4641**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.448	MM m	0.4423	12561.8353	1467.1773	99.7329
4.443	MM m	0.1760	33.6389	3.7871	0.2671
		Sum	**12595.4742**		

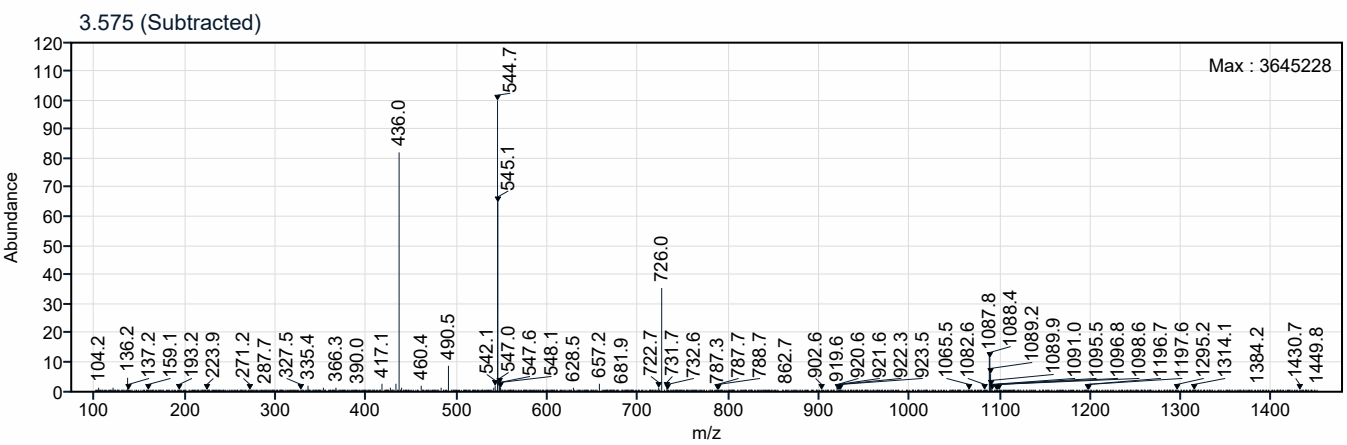
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.446	BM m	0.3915	701.0340	86.6066	100.0000
		Sum	**701.0340**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.575 min **Area %:** 100.00%



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

Peak RT: 3.526 min **Area %:** 100.00%

