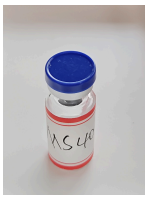
TEST REPORT

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

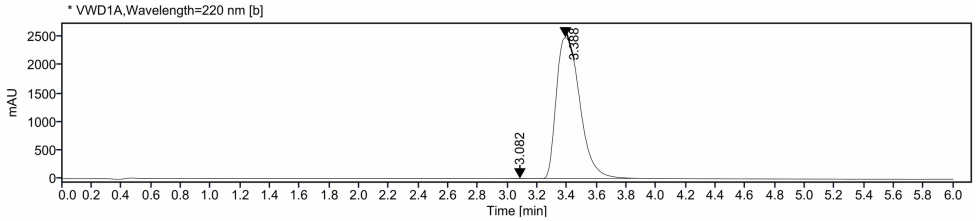
MS40-20261013S0291 **Sample Received: 2026-10-13**

Authentication Code: **Analysis date: 2026-10-15**



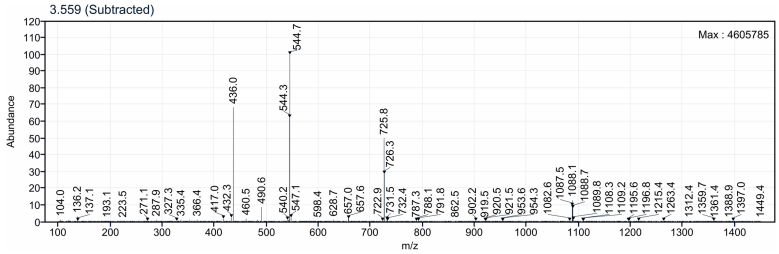
Compound	MS40/Mots-C	CAS Number	1627580-64-6
Formula	$C_{101}H_{152}N_{28}O_{22}S_2$	Molecular Weight	2174.6
Manufacturer	Jintai Bio		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.082	MM m	0.2795	14.1590	2.7659	0.0518
3.388	MM m	0.6754	27332.8325	2492.1791	99.9482
	Sum		**27346.9916**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.94%
Mass Spectrum	Conforms to $[M+5/4/3/2]^{5/4/3/2+}$	Detected
Net Content	48.49 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

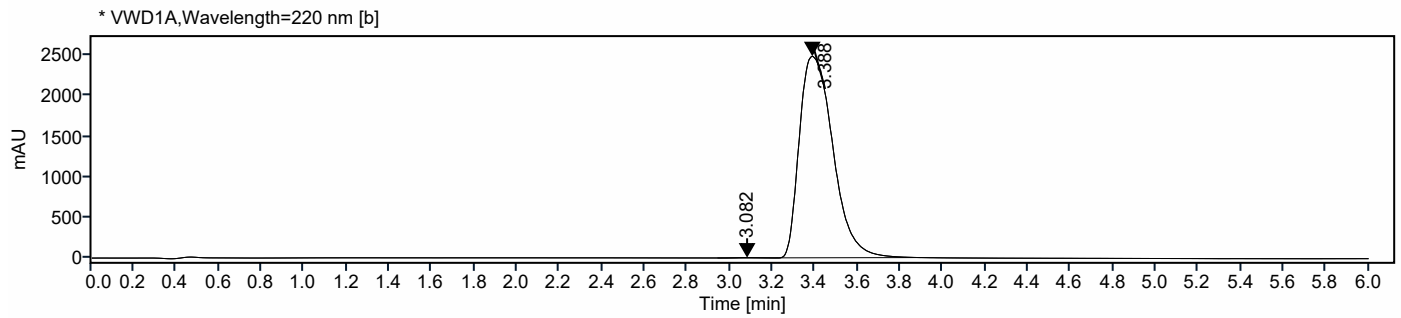
重要声明 / Important Notice

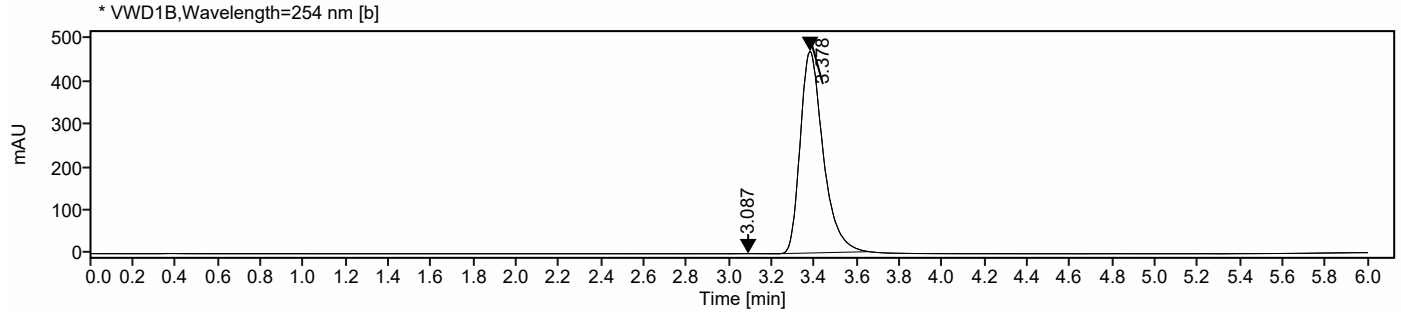
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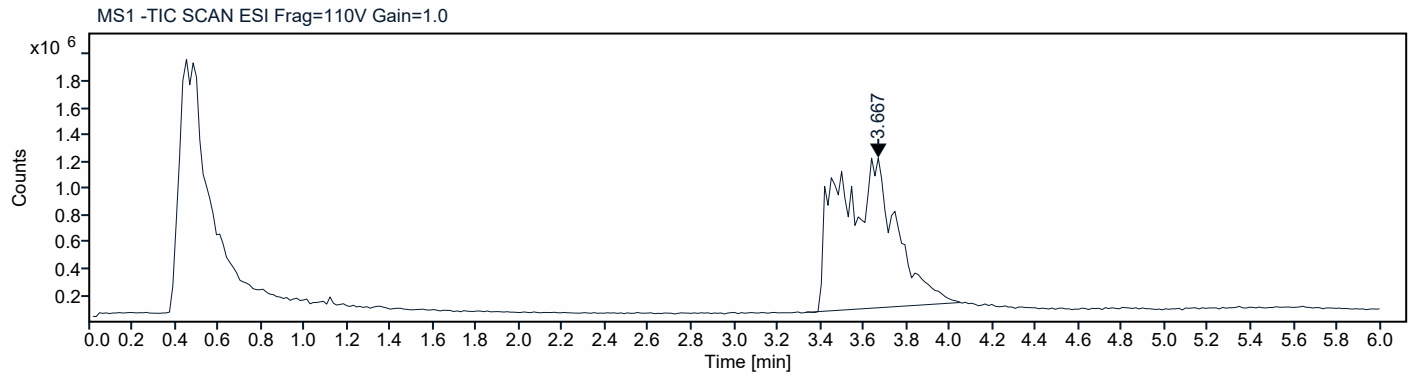
This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It 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.

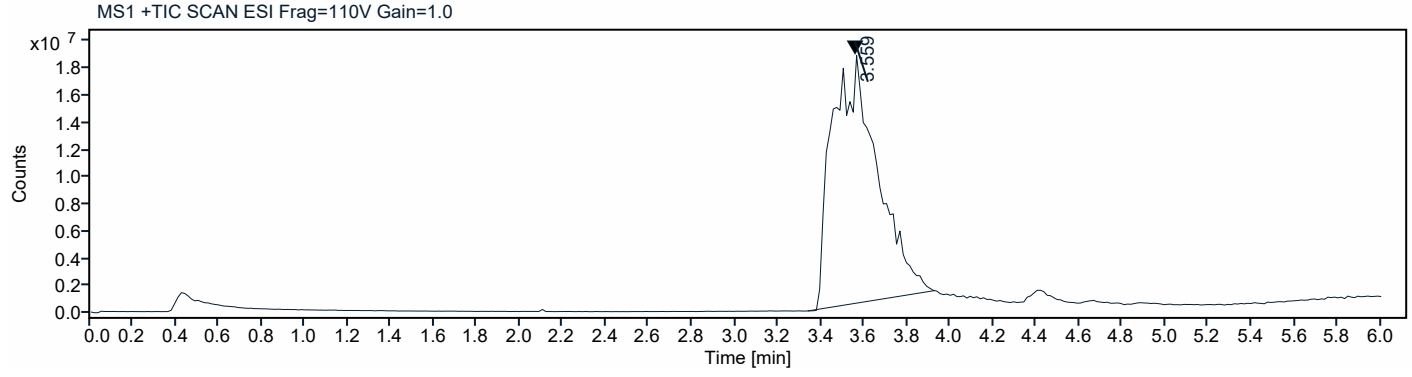
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	MS40.dx	**Project name:**	2026
Sample name:	MS40	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-15 01:25:47+08:00
Inj. volume:	5.000 µL	**Location:**	P2-B6
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%
3.559	MM m	0.5885	266665247.8541	18266559.4661	100.0000
		Sum	**266665247.8541**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.667	MM m	0.7188	20559137.5500	1118625.3953	100.0000
		Sum	**20559137.5500**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.082	MM m	0.2795	14.1590	2.7659	0.0518
3.388	MM m	0.6754	27332.8325	2492.1791	99.9482
		Sum	**27346.9916**		

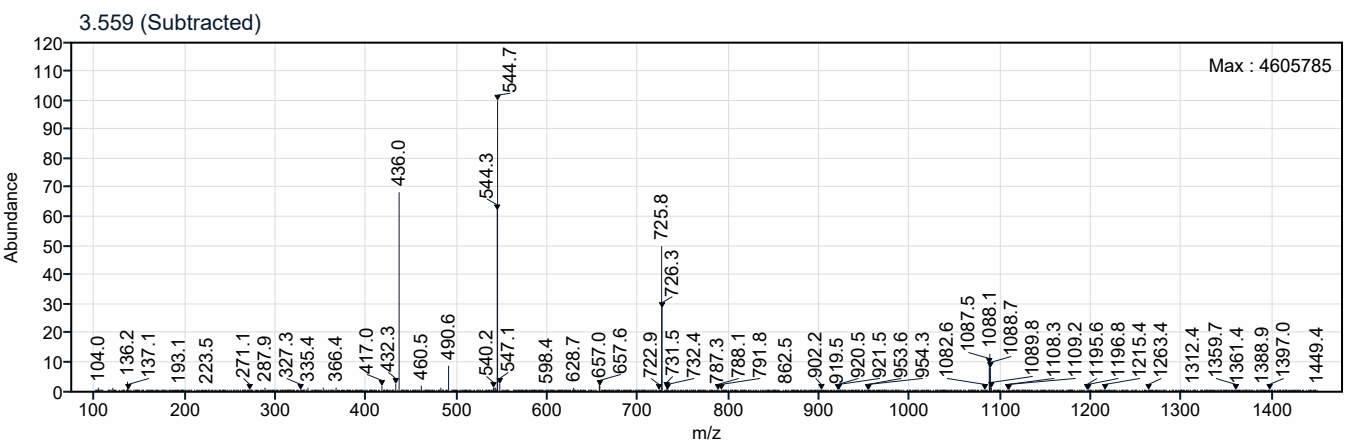
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.087	MM m	0.2327	3.4453	0.4013	0.0984
3.378	VM m	0.4323	3499.0189	468.4377	99.9016
		Sum	**3502.4643**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.559 min **Area %:** 100.00%



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

Peak RT: 3.667 min **Area %:** 100.00%

