TEST REPORT

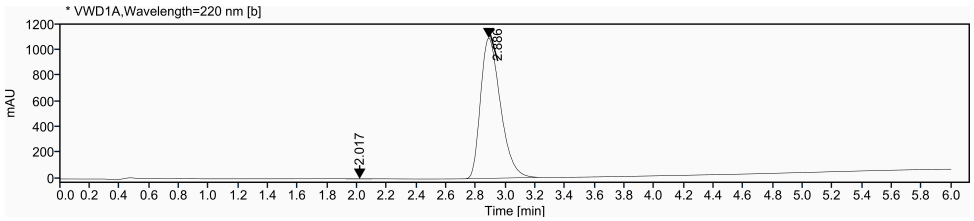
E: contact@tjqxgd.com
W: www.tjqxgd.com

2S10-20261013S3016 **Sample Received: 2026-10-13**

Authentication Code: **Analysis date: 2026-10-14**

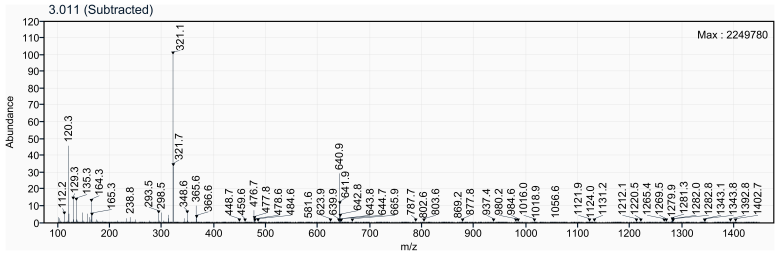
Compound	2S10/SS-31	CAS Number	736992-21-5
Formula	$C_{32}H_{49}N_9O_5$	Molecular Weight	639.8
Batch Number	2S202639		
Manufacturer	Yili Peptide https://yilipeptide.com/		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
2.017	MM m	0.1748	15.4927	1.5115	0.1523
2.886	BM m	0.5135	10156.0367	1093.9375	99.8477
		Sum	**10171.5294**		



Result:

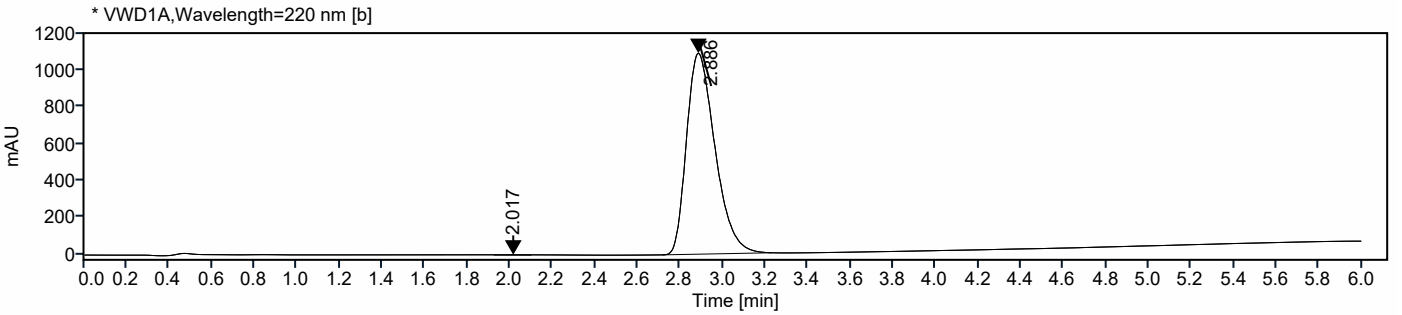
Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.84%
Mass Spectrum	Conforms to $[M+2H]^{2+}$, $[M+H]^{+}$	Detected
Endotoxin (USP <85>)	< 1 EU/mg	0.335 EU/mg, PASS
Net Content	11.75 mg	

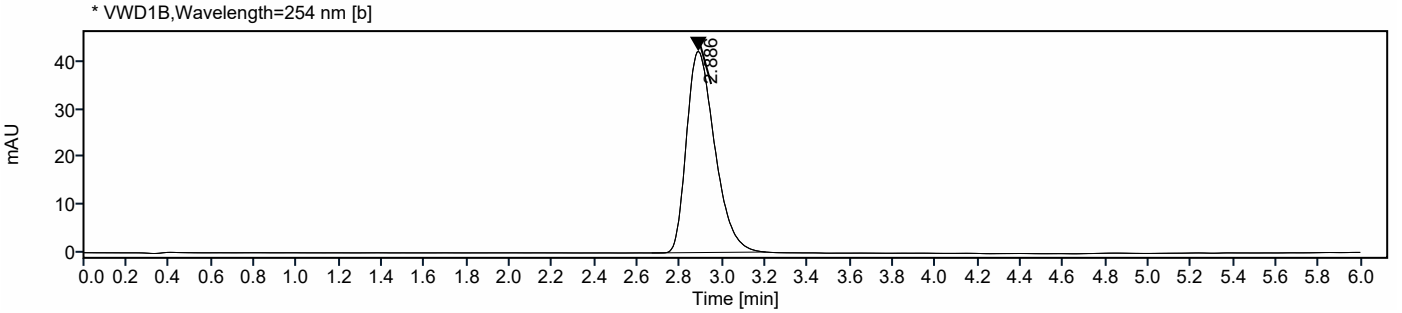
Peng Gao, Data Compilation Zhibo Li, Technical Review

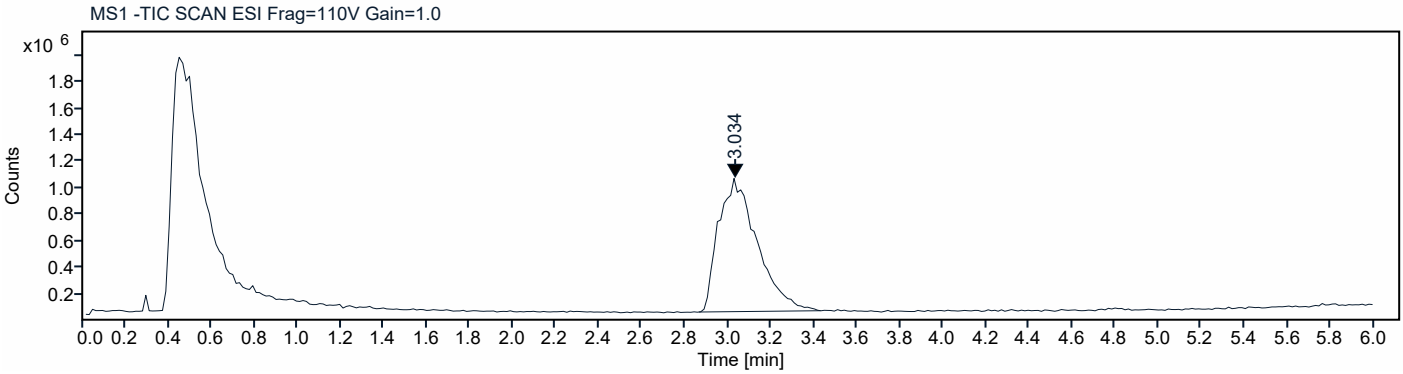
This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It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

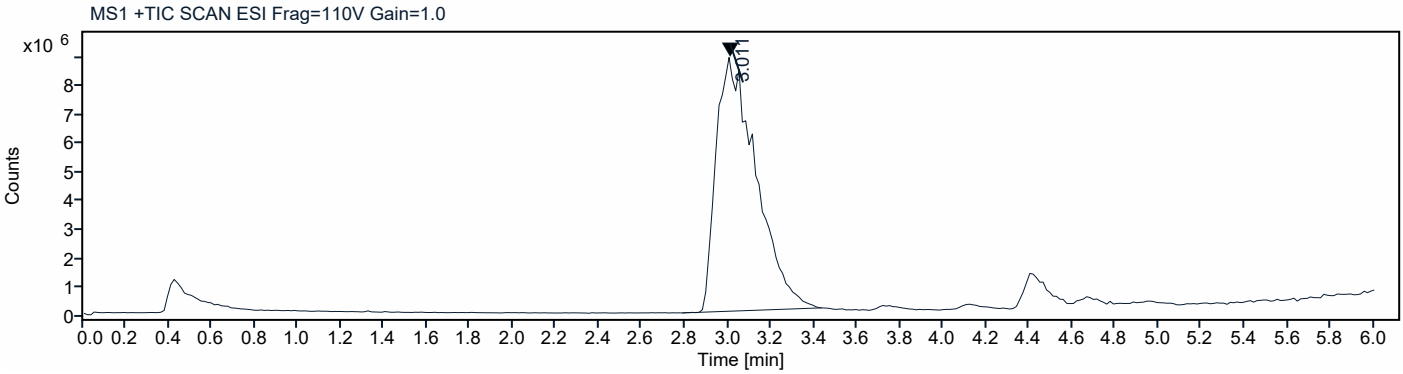
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	2S10.dx	**Project name:**	2026
Sample name:	2S10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-14 09:27:29+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%
3.011	BM m	0.6480	114093857.7633	8854700.8701	100.0000
		Sum	**114093857.7633**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.034	MM m	0.5656	12509293.1482	1003185.6186	100.0000
		Sum	**12509293.1482**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
2.017	MM m	0.1748	15.4927	1.5115	0.1523
2.886	BM m	0.5135	10156.0367	1093.9375	99.8477
		Sum	**10171.5294**		

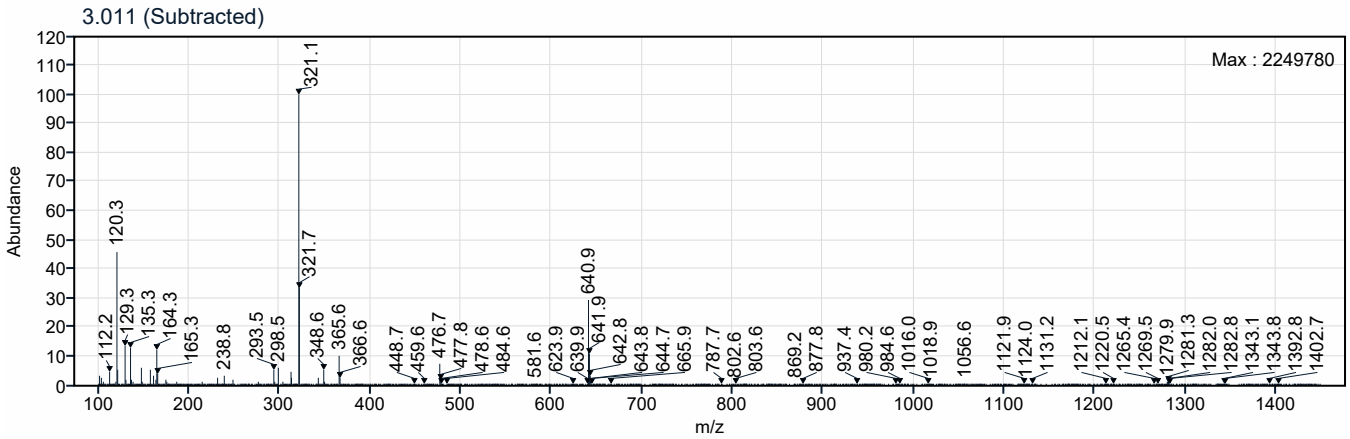
Signal: * VWD1B,Wavelength=254 nm [b]

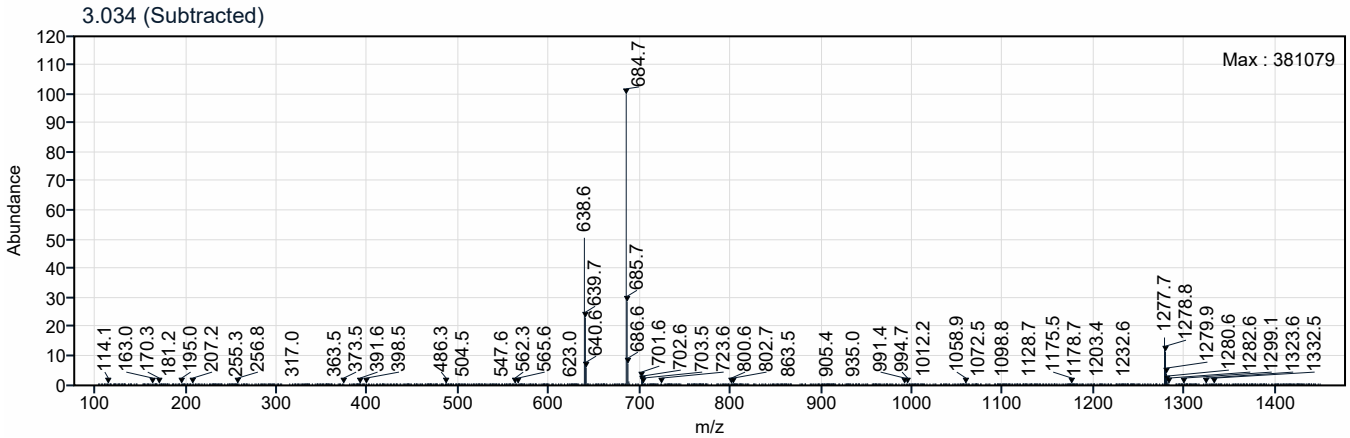
RT [min]	Type	Width [min]	Area	Height	Area%
2.886	BM m	0.5346	387.0313	42.0847	100.0000
		Sum	**387.0313**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.011 min **Area %:** 100.00%



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

Peak RT: 3.034 min **Area %:** 100.00%