

Certificate of Analysis			
Product	SS-31	CAS No.	736992-21-5
Product No.	LJSS001	Batch No.	LJSS2026082401
Date of Mfg	2026/08/24	Retest Date	2028/08/23
Test Method	In-house	Quantity	1.6kg
Storage Conditions	Protected from light, sealed, store at $-20 \pm 5^{\circ}\text{C}$		
Test	Acceptance Criteria		Results
Appearance	White or off-white Powder		White Powder
Identification By MS	639.79 ± 1.0		Conforms
Purity	$\geq 98.0\%$		99.86%
Trifluoroacetic acid	$\leq 0.5\%$		ND
Related Substances	Largest Single Impurity $\leq 0.3\%$		0.03%
	Total Impurities $\leq 2.0\%$		0.14%
Residual Solvents	Methanol $\leq 0.3\%$		40ppm
	Dichloromethane $\leq 0.06\%$		ND
	DMF $\leq 0.088\%$		ND
	Acetonitrile $\leq 0.041\%$		ND
Elemental Impurities	As: $\leq 1.5\text{ppm}$		ND
	Cd: $\leq 0.2\text{ppm}$		ND
	Hg: $\leq 0.3\text{ppm}$		ND
	Pb: $\leq 1.5\text{ppm}$		ND
Water content	$\leq 7.0\%$		4.9%
Acetate Acid	$\leq 20.0\%$		14.9%

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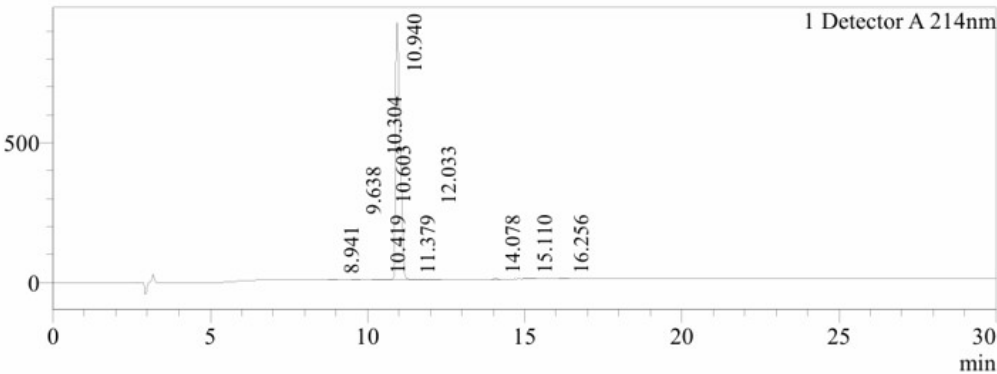
Peptide Content	≥75.0%	81.15%
Microbial Limit	Total aerobic bacteria ≤ 100cfu/g	Conforms
	Mould & Yeast ≤ 100cfu/g	Conforms
Bacterial Endotoxin	≤10EU/mg	Conforms
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	
Remarks	It is only supplied as chemical product. It is only for R&D use.	

Reporter/Date: 张洁 2026/08/29

Approver/Date: 刘辉 2026/08/29



HPLC:



Peak Table

Detector A 214nm				
Peak#	Ret. Time	Area	Height	Area%
1	8.941	419	43	0.005
2	9.638	1047	161	0.011
3	10.304	1482	209	0.016
4	10.419	575	101	0.006
5	10.603	488	77	0.005
6	10.940	9222137	917486	99.863
7	11.379	2481	267	0.027
8	12.033	3028	139	0.033
9	14.078	1718	251	0.019
10	15.110	1029	82	0.011
11	16.256	416	49	0.005
Total		9234819	918866	100.000

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