

Certificate of Analysis			
Product	SS-31	CAS No.	736992-21-5
Product No.	LJSS001	Batch No.	LJSS2026090801
Date of Mfg	2026/09/08	Retest Date	2028/09/07
Test Method	In-house	Quantity	4.69kg
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	$\geq 98.0\%$	99.5%
Trifluoroacetic acid	$\leq 0.5\%$	ND
Related Substances	Largest Single Impurity $\leq 0.3\%$	0.06%
	Total Impurities $\leq 2.0\%$	0.54%
Residual Solvents	Methanol $\leq 0.3\%$	60ppm
	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	$\leq 7.0\%$	2.6%
Acetate Acid	$\leq 20.0\%$	16.5%
Peptide Content	$\geq 75.0\%$	80.3%

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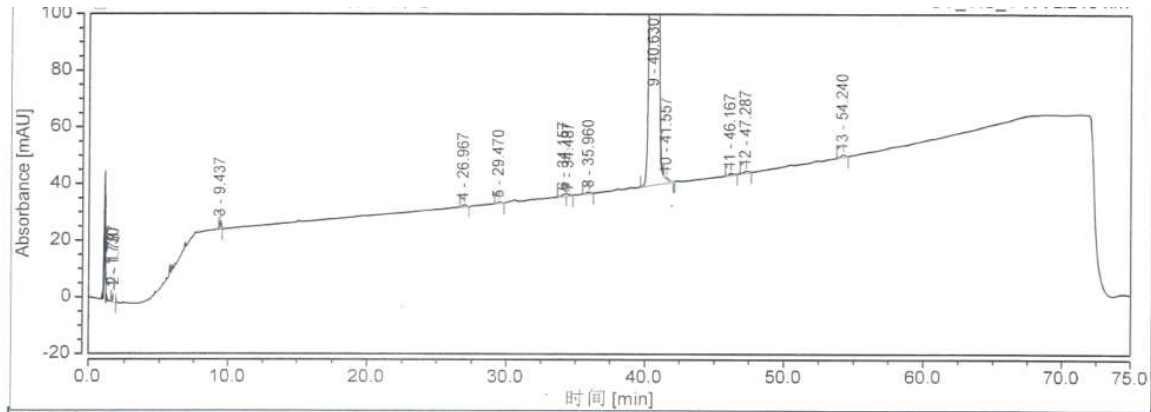
Microbial Limit	Total aerobic bacteria $\leq 100\text{cfu/g}$	Conforms
	Mould & Yeast $\leq 100\text{cfu/g}$	Conforms
Bacterial Endotoxin	$\leq 10\text{EU/mg}$	Conforms
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	
Remarks	It is only supplied as chemical product. It is only for R&D use.	

Reporter/Date: 张洁 2026/09/11

Approver/Date: 刘辉 2026/09/11



HPLC:



积分结果							
序号	峰名称	保留时间 min	峰面积 mAU*min	峰高 mAU	相对峰面积 %	分离度	拖尾因子
1		1.730	0.25614	3.545	0.0503	n.a.	n.a.
2		1.787	0.26066	4.536	0.0512	n.a.	n.a.
3		9.437	0.22172	3.004	0.0436	62.9	1.0
4		26.967	0.21786	0.778	0.0428	5.4	0.9
5		29.470	0.15420	0.528	0.0303	n.a.	1.0
6		34.157	0.26186	0.820	0.0514	n.a.	n.a.
7		34.487	0.16729	0.590	0.0329	n.a.	n.a.
8		35.960	0.18285	0.514	0.0359	8.0	0.8
9		40.630	506.37557	1347.103	99.4643	9.7	1.0
10		41.557	0.18361	0.611	0.0361	n.a.	n.a.
11		46.167	0.23931	0.685	0.0470	2.0	1.1
12		47.287	0.26495	0.774	0.0520	12.6	0.9
13		54.240	0.31687	0.907	0.0622	n.a.	0.9

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