

Certificate of Analysis			
Product	TB 500	CAS No.	885340-08-9
Product No.	LJTB-001	Batch No.	LJTB2026090301
Date of Mfg	2026/09/03	Retest Date	2028/09/02
Test Method	In-house	Quantity	5.35kg
Storage Conditions	Protected from light, sealed, store at -20°C ± 5°C		

Test	Acceptance Criteria	Results
Appearance	White or off-white Powder	White Powder
Identification By MS	889.02 ± 1.0	Conforms
Purity	≥98.0%	99.4%
Trifluoroacetic acid	≤0.5%	ND
Related Substances	Maximum Single Impurity ≤0.5%	0.08%
	Total Impurities ≤2.0%	0.60%
Residual Solvents	Methanol≤0.3%	0.03%
	Dichloromethane≤0.06%	ND
	DMF≤0.088%	ND
	Acetonitrile≤0.041%	0.02%
Elemental Impurities	As: ≤1.5ppm	ND
	Cd: ≤0.2ppm	ND
	Hg: ≤0.3ppm	ND
	Pb: ≤1.5ppm	ND
Water content	≤8.0%	3.6%
Peptide Content	≥80.0%	93.3%

[在此处键入]

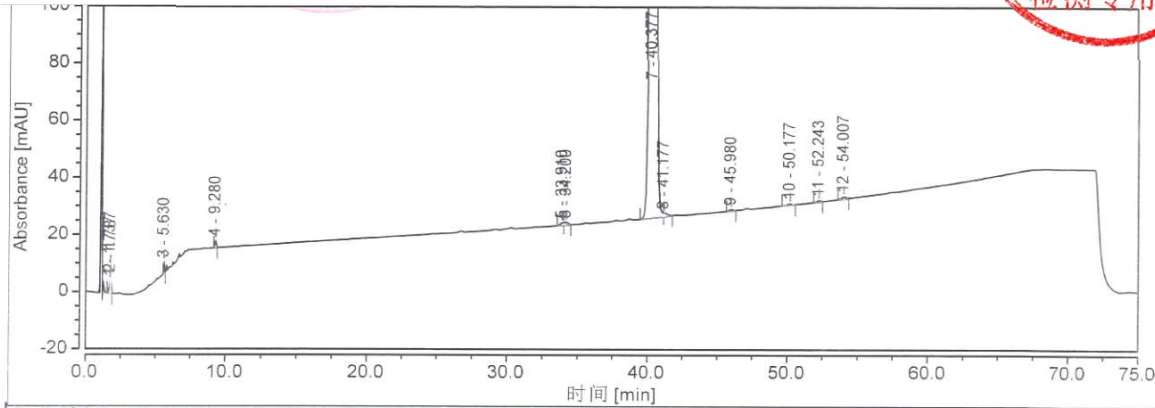
Microbial Limit	Total aerobic bacteria $\leq 100\text{cfu/g}$	Conforms
	Mould & Yeast $\leq 100\text{cfu/g}$	Conforms
Bacterial Endotoxin	$\leq 10\text{EU/mg}$	Conforms
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	
Remarks	It is only supplied as chemical product. It is only for R&D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

Reporter/Date: 张洁 2026/09/07

Approver/Date: 刘辉 2026/09/07



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		1.737	0.38745	4.540	0.0858	n.a.	n.a.
2		1.787	0.31038	6.006	0.0687	n.a.	n.a.
3		5.630	0.20639	4.116	0.0457	38.7	1.2
4		9.280	0.19739	2.577	0.0437	n.a.	0.9
5		33.910	0.25301	0.893	0.0560	n.a.	n.a.
6		34.200	0.29665	0.973	0.0657	n.a.	n.a.
7		40.377	449.09380	1289.367	99.3945	n.a.	1.0
8		41.177	0.34842	1.196	0.0771	n.a.	n.a.
9		45.980	0.19017	0.582	0.0421	7.6	0.9
10		50.177	0.15694	0.406	0.0347	3.7	0.8
11		52.243	0.13952	0.429	0.0309	3.3	0.8
12		54.007	0.24931	0.756	0.0552	n.a.	1.0

[在此处键入]