

Certificate of Analysis			
Product	PT-141	CAS No.	189691-06-3
Product No.	LJPT-001	Batch No.	LJPT2026090701
Date of Mfg	2026/09/07	Retest Date	2028/09/06
Test Method	In-house	Quantity	5.5kg
Storage Conditions	Protected from light, sealed, store at 2~8℃		

Test	Acceptance Criteria	Results
Appearance	White or off-white Powder	White Powder
Purity	≥98.0%	99.77%
Identification By MS	1025.16 ± 1.0	Conforms
Trifluoroacetic acid	≤0.5%	Not detected
Related Substances	Max Single Impurity: ≤0.5%	0.09%
	Total Impurities: ≤2.0%	0.23%
Water content	≤5.0%	2.95%
Acetic acid	≤10.0%	5.6%
Peptide Content	≥80.0%	90.45%
Elemental Impurities	As: ≤1.5ppm	Not detected
	Cd: ≤0.2ppm	Not detected
	Hg: ≤0.3ppm	Not detected
	Pb: ≤1.5ppm	Not detected
Residual Solvents	Methanol≤0.3%	ND
	MeCN≤0.041%	93ppm

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	DCM≤0.06%	ND
	MTBE≤0.5%	ND
Microbial Limit	Total aerobic bacteria ≤ 100cfu/g	Conforms
	Mould & Yeast ≤ 100cfu/g	Conforms
Bacterial Endotoxin	≤5EU/mg	Conforms
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	
Remark	It is only supplied as chemical product. It is only for R&D use.	

Reporter/Date: 张洁 2026/09/10

Approver/Date: 刘辉 2026/09/10



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