Certificate of Analysis

Product	**Tesamorelin**	**CAS No.**	218949-48-5
Product No.	LJTM001	**Batch No.**	LJTM2026101201
Date of Mfg	2026/10/12	**Retest Date**	2028/10/11
Test Method	In-house	**Quantity**	2.88kg
Storage Conditions	Protected from light, sealed, store at -20℃ ±5℃		

Test	**Acceptance Criteria**	**Results**
Appearance	White or off-white Powder	White Powder
Identification By MS	5135.86±1.0	Conforms
Purity	≥98.0%	99.2%
Trifluoroacetic acid	≤0.5%	ND
Acetic acid	≤10%	8%
Water content	≤7.0%	4.1%
Related Substances	Max single impurity ≤ 0.5%	0.28%
	Total impurities ≤ 1.0%	0.8%
Residual Solvents	Methanol≤0.3%	0.002%
	MeCN≤0.041%	0.003%
	DCM≤0.06%	ND
	MTBE≤0.5%	ND
Elemental Impurities	As：≤1.5ppm	ND
	Cd：≤0.2ppm	ND
	Hg：≤0.3ppm	ND
	Pb：≤1.5ppm	ND
Peptide Content	≥80.0%	87.2%
Microbial Limit	TAMC ≤ 100cfu/g	Conforms
	TYMC ≤ 100cfu/g	Conforms
Bacterial Endotoxins	≤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 2026/10/15 **Approver/Date:** 刘辉 2026/10/15

检测专用章