



Certificate of Analysis			
Product	Tesamorelin	CAS No.	218949-48-5
Product No.	LJTM001	Batch No.	LJTM2026082901
Date of Mfg	2026/08/29	Retest Date	2028/08/27
Test Method	In-house	Quantity	2.88kg
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	5135.90 ± 5.0	Conforms
Purity	≥98.0%	99.7%
Trifluoroacetic acid	≤0.5%	Not detected
Amino Acid Profile	Tyr 1.8~2.2	2.0
	Ala 4.5~5.5	5.2
	Asp 3.6~4.4	3.8
	Ile 1.8~2.2	1.8
	Phe 0.9~1.1	1.1
	Thr 0.9~1.1	1.1
	Ser 3.6~4.4	4.2
	Arg 5.4~6.6	6.5
	Lys 1.8~2.2	2.0
	Val 0.9~1.1	0.9
	Leu 4.5~5.5	4.6
	Gly 2.7~3.3	2.9

	Glu 6.3~7.7	6.6
	Met 0.9~1.1	1.1
Related Substances	Largest Single Impurity $\leq 0.3\%$	0.12%
	Total Impurities $\leq 2.0\%$	0.33%
Water content	$\leq 7.0\%$	3.4%
Acetate Acid	$\leq 10.0\%$	9.2%
Peptide Content	$\geq 80.0\%$	86.7%
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	

Reporter/Date: 张洁 2026/09/08

Approver/Date: 刘辉 2026/09/08

Storage: In an air tight container, protected from light.
Temperature :Short Term:2-8℃ ; Long Term: -20℃ ± 5℃

It is only supplied as chemical product.
It is only for R&D use.

