Certificate of Analysis

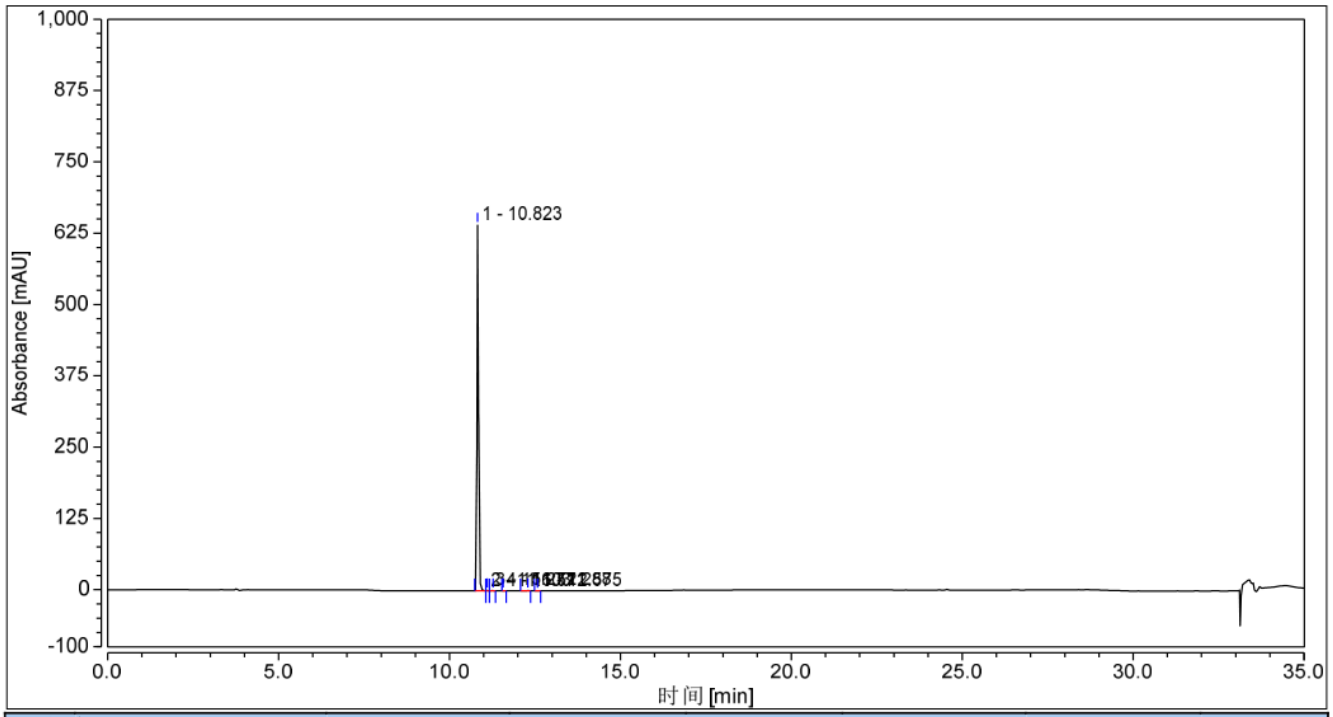
Product	**Ipamorelin**	**CAS No.**	170851-70-4
Product No.	LJIPA -001	**Batch No.**	LJIPA2026090301
Date of Mfg	2026/09/03	**Retest Date**	2028/09/02
Test Method	In-house	**Quantity**	5.19kg
Storage Conditions	Protected from light, sealed, store at -20℃±5℃		

Test	**Acceptance Criteria**	**Results**
Appearance	White or off-white Powder	White Powder
Purity	≥98.0%	99.4%
Identification By MS	711.85±1.0	Conforms
Trifluoroacetic acid	≤0.5%	Not detected
Related Substances	Max Single Impurity：≤0.5%	0.20%
	Total Impurities：≤2.0%	0.57%
Water content	≤8.0%	1.8%
Acetate ion	≤20.0%	13.2%
Residual Solvents	Methanol≤0.3%	0.02%
	MeCN≤0.041%	0.006%
	DCM≤0.06%	ND
	MTBE≤0.5%	ND
Heavy Metals	Heavy metals≤10ppm	Conforms
	Pb ≤ 2.0 ppm	Conforms
	As ≤ 2.0ppm	Conforms

	Hg ≤ 1.0ppm	Conforms
	Cd ≤ 5.0ppm	Conforms
Microbial Limit	Total aerobic bacteria ≤ 100cfu/g	Conforms
	Mould & Yeast ≤ 100cfu/g	Conforms
Bacterial Endotoxin	≤10EU/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 2026/09/07 **Approver/Date:** 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 %	相对峰高 %	样品量 n.a.
1		10.823	32.726	641.618	99.43	99.57	n.a.
2		11.103	0.033	0.554	0.10	0.09	n.a.
3		11.271	0.051	0.658	0.16	0.10	n.a.
4		11.571	0.020	0.450	0.06	0.07	n.a.
5		12.288	0.065	0.901	0.20	0.14	n.a.
6		12.575	0.018	0.219	0.06	0.03	n.a.
总和:			**32.913**	**644.400**	**100.00**	**100.00**	