Certificate of Analysis

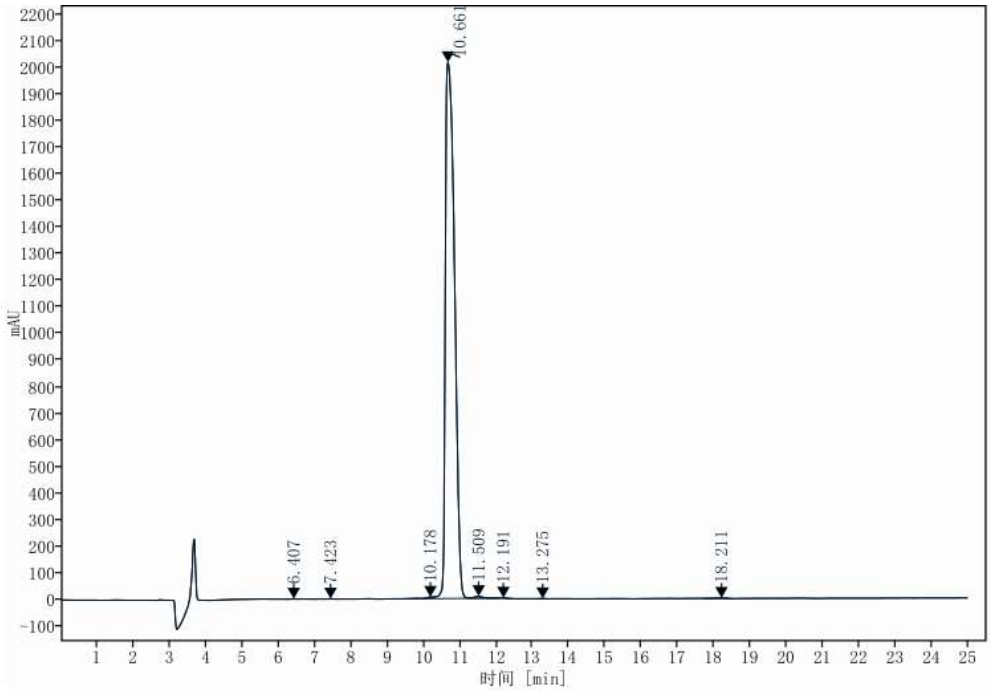
Product	Ac-Semax-NH_2	**CAS No.**	1265823-54-2
Product No.	LJASXN-001	**Batch No.**	LJASXN2026101801
Date of Mfg	2026/10/18	**Retest Date**	2028/10/17
Test Method	In-house		
Storage Conditions	Protected from light, sealed, store at -20℃±5℃		

Test	Acceptance Criteria	Results
Appearance	White or off-white Powder	White Powder
Purity	≥98.0%	99.27%
Identification By MS	854.9±1.0	Conforms
Trifluoroacetic acid	≤0.5%	ND
Acetic acid	≤8.0%	5.7%
Related Substances	Max Single Impurity ≤0.5%	0.39%
	Total Impurities ≤2.0%	0.73%
Water content	≤8.0%	2.9%
Peptide Content	≥80.0%	89.63%
Residual Solvents	Methanol ≤3000ppm	150ppm
	MeCN ≤410ppm	70ppm
	DMC ≤600ppm	ND
	MTBE ≤5000ppm	ND
Elemental Impurities	As：≤1.5ppm	ND
	Cd：≤0.2ppm	ND
	Hg：≤0.3ppm	ND
	Pb：≤1.5ppm	ND
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 2026/10/21 **Approver/Date:** 刘辉 2026/10/21

检测专用章

HPLC:



信号: DAD1 A, Sig=220,4 Ref=off

保留时间 [分钟]	类型	峰宽 [分钟]	峰面积	峰高	面积%	名称
6.407	BB	0.1364	10.4677	1.1479	0.0294	
7.423	BB	0.1595	10.8772	1.0111	0.0306	
10.178	VV E	0.1210	13.5853	1.7416	0.0382	
10.661	VV R	0.2907	35339.5313	2014.0670	99.2779	
11.509	VB E	0.2735	138.8355	7.1824	0.3900	
12.191	BB	0.1808	20.5280	1.8034	0.0577	
13.275	BB	0.1274	8.3590	1.0017	0.0235	
18.211	BB	0.3061	54.3915	2.4401	0.1528	
		总和	35596.5754			