

Certificate of Analysis			
Product	ARA290	CAS No.	1208243-50-8
Product No.	LJARA-001	Batch No.	LJARA2026083001
Date of Mfg	2026/08/30	Retest Date	2028/08/29
Test Method	In-house	Quantity	5.65kg
Storage Conditions	Protected from light, sealed, store at -20℃ ± 5℃		

Test	Acceptance Criteria	Results
Appearance	White or off-white Powder	White Powder
Solubility	Soluble in water(36mg/mL)	Conforms
Purity	≥98.0%	99.1%
Identification By MS	1256.60 ± 1.0	1256.6
Trifluoroacetic acid	≤0.5%	Not detected
Related Substances	Max Single Impurity: ≤0.5%	0.32%
	Total Impurities: ≤2.0%	0.9%
Water content	≤8.0%	2.5%
Acetate acid	≤12.0%	ND
Peptide Content	≥85.0%	96.7%
Residual Solvents	Methanol≤0.3%	ND
	MeCN≤0.041%	0.006%
	DCM≤0.06%	ND
	MTBE≤0.5%	ND
Elemental Impurities	As: ≤1.5ppm	Not detected

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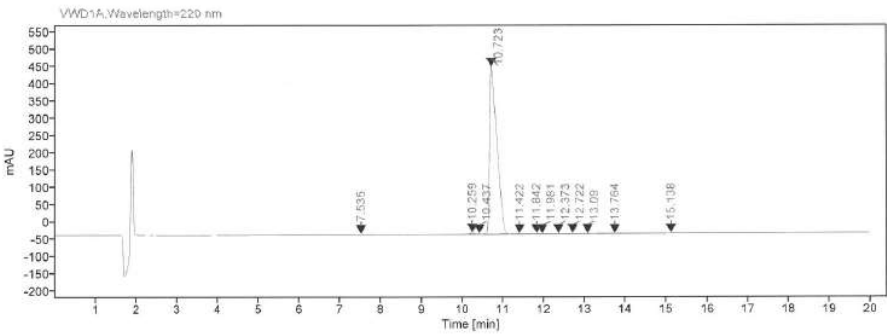
	Cd: ≤0.2ppm	Not detected
	Hg: ≤0.3ppm	Not detected
	Pb: ≤1.5ppm	0.06ppm
Microbial Limit	TAMC≤ 100cfu/g	Conforms
	TYMC ≤ 100cfu/g	Conforms
Bacterial Endotoxin	≤10EU/mg	Conforms
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	
Remark	It is only supplied as chemical product. It is only for R&D use.	

Reporter/Date: 张洁 2026/09/02

Approver/Date: 刘辉



HPLC:



Signal: VWD1A,Wavelength=220 nm					
RT [min]	Type	Width [min]	Height	Area	Area%
7.535	BV	0.23	0.22	1.26	0.02
10.259	BV	0.31	2.95	19.82	0.32
10.437	VV	0.16	0.48	2.83	0.05
10.723	VV	0.79	482.95	6121.37	99.10
11.422	VV	0.36	0.32	4.97	0.08
11.842	VV	0.26	0.45	3.96	0.06
11.981	VV	0.16	0.18	1.19	0.02
12.373	VV	0.39	0.42	4.02	0.07
12.722	VV	0.36	0.81	7.01	0.11
13.090	VV	0.44	0.72	7.66	0.12
13.764	VV	0.24	0.19	1.09	0.02
15.138	BV	0.29	0.24	1.64	0.03

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