



Certificate of Analysis

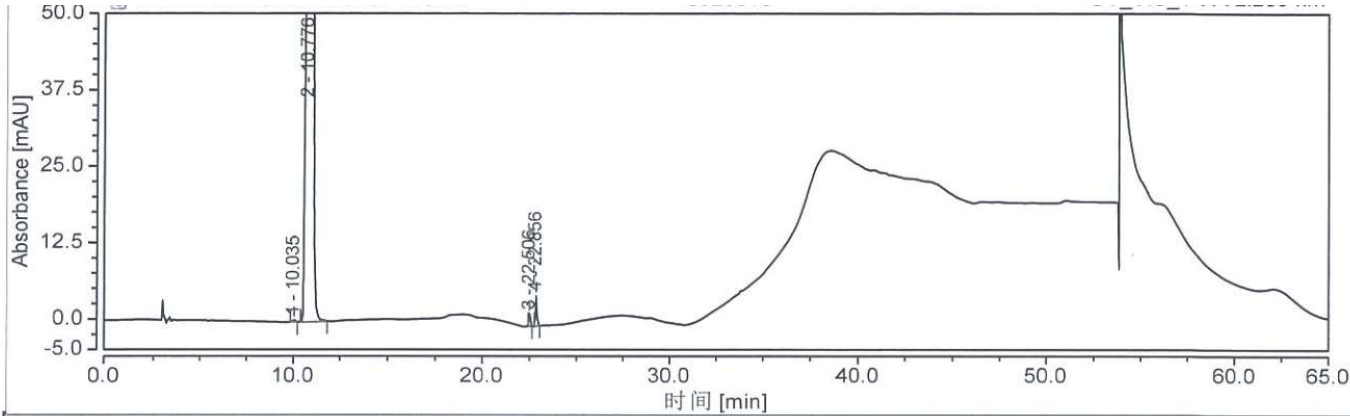
Product	Epitalon	CAS No.	307297-39-8
Product No.	LJE-001	Batch No.	LJE2026080501
Date of Mfg	2026/08/05	Retest Date	2028/08/04
Test Method	In-house	Quantity	26.5kg
Storage Conditions	Sealed, refrigerated (2~8℃)		

Test	Acceptance Criteria	Results
Appearance	White or off-white Powder	White Powder
Identification By LC-MS	390.35 ± 1.0	Conforms
Solubility in water	$\geq 100\text{mg/mL}$	Conforms
Purity	$\geq 98.0\%$	99.69%
Trifluoroacetic acid	$\leq 1000\text{ppm}$	Not detected
Acetic acid	$\leq 5000\text{ppm}$	Not detected
Water	$\leq 5.0\%$	1.95%
Residual Solvents	Acetonitrile: $\leq 410\text{ppm}$	58ppm
	Ethanol: $\leq 5000\text{ppm}$	Not detected
	Dichloromethane: $\leq 600\text{ppm}$	Not detected
	tert-Butylmethyl ether: $\leq 5000\text{ppm}$	Not detected
	Diisopropyl ether: $\leq 1000\text{ppm}$	Not detected
Related Substances	Unspecified Impurity: $\leq 0.3\%$	0.21%
	Total Impurities: $\leq 1.0\%$	0.31%
Peptide Content	$\geq 92.0\%$	97.7%
Microbial Limit	Total aerobic bacteria $\leq 100\text{cfu/g}$	Conforms
	Mould & Yeast $\leq 100\text{cfu/g}$	Conforms

Bacterial Endotoxin	≤5EU/mg	Conforms
Elemental Impurities	As: ≤1.5ppm	Not detected
	Cd: ≤0.2ppm	Not detected
	Hg: ≤0.3ppm	Not detected
	Pb: ≤1.5ppm	Not detected
	Co: ≤0.5ppm	Not detected
	Ni: ≤2ppm	Not detected
	V: ≤1ppm	Not detected
	Pd: ≤1ppm	Not detected
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 2026/8/8 Approver/Date: 刘辉 2026/8/8

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 %	分离度	拖尾因子
1		10.035	0.06238	0.364	0.03	2.4	1.0
2		10.776	197.17597	906.382	99.69	52.0	1.3
3		22.506	0.13777	1.969	0.07	3.0	1.2
4		22.856	0.40701	4.948	0.21	n.a.	1.3