Certificate of Analysis

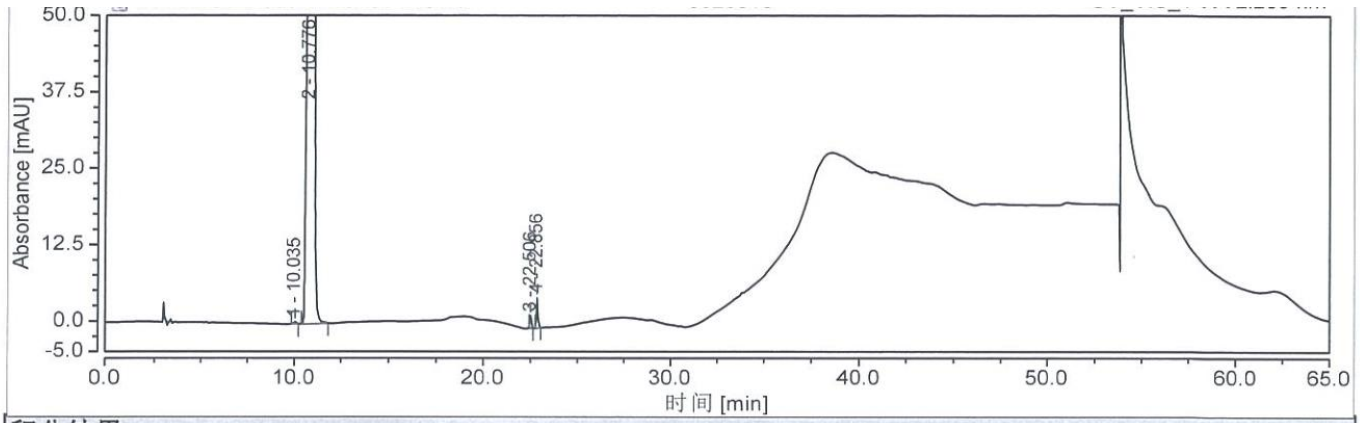
Product	**Epitalon**	**CAS No.**	307297-39-8
Product No.	LJE-001	**Batch No.**	LJE2026080501
Date of Mfg	2026/08/05	**Retest Date**	2028/08/04
Test Method	In-house	**Quantity**	26.5kg
Storage Conditions	Sealed, refrigerated (2~8℃)		

Test	**Acceptance Criteria**	**Results**
Appearance	White or off-white Powder	White Powder
Identification By LC-MS	390.35±1.0	Conforms
Solubility in water	≥100mg/mL	Conforms
Purity	≥98.0%	99.69%
Trifluoroacetic acid	≤1000ppm	Not detected
Acetic acid	≤5000ppm	Not detected
Water	≤5.0%	1.95%
Residual Solvents	Acetonitrile：≤410ppm	58ppm
	Ethanol：≤5000ppm	Not detected
	Dichloromethane：≤600ppm	Not detected
	tert-Butylmethyl ether：≤5000ppm	Not detected
	Diisopropyl ether：≤1000ppm	Not detected
Related Substances	Unspecified Impurity：≤0.3%	0.21%
	Total Impurities：≤1.0%	0.31%
Peptide Content	≥92.0%	97.7%
Microbial Limit	Total aerobic bacteria ≤ 100cfu/g	Conforms
	Mould & Yeast ≤ 100cfu/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
Conclusion	☑Meet the requirements ☐Do not meet the requir	
Remark	**It is only supplied as chemical product.** **It is only for R&D use.**	

Reporter/Date: 张洁 2026/8/8 **Approver/Date:** 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