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Certification of Analysis

Product Name		Tesamorelin	
MF.	C ₂₂₁ H ₃₆₆ N ₇₂ O ₆₇ S	Batch No.	CP7825120101
MW.	5135.86	MFG Date	12/13/2025
Storage	-20℃	Retest Date	12/12/2027
TEST		SPECIFICATION	RESULT
1	Appearance	White or off-white powder	Conforms
2	Related Substance	Total Impurities: ≤2.0% Maximum single impurity: ≤1.0%	0.78% 0.45%
3	Identification by MS	5135.86 ± 5	Conforms
4	Water Content (K.F)	≤8.0%	3.3%
5	Peptide Purity (By HPLC)	≥98.0%	99.22%
6	pH	4.0-6.0 (C=1mg/ml)	4.9
7	Solubility	50mg/ml in water	Conforms
8	Bacterial Endotoxins	≤5EU/mg	Conforms
9	Residual solvent	Acetonitrile ≤410ppm Methylene chloride ≤600ppm N,N-Dimethylformamide ≤880ppm Isopropyl ether ≤5000ppm Methanol ≤3000ppm	256 N.D N.D N.D N.D
10	Acid group Ions	Trifluoroacetate ion ≤0.1% Acetic acid ≤12.0%	N.D 9.4%
11	Microbial limits	TAMC ≤1000cfu/g TYMC ≤100cfu/g	Conforms Conforms
12	Peptide content	≥80.0%	86.6%
Conclusion: This batch of product complies with enterprise standard. It is chemical reagent used only for lab research, not for human use. Keep in tight container, protected from light, store at -20℃.			

Tested By Liu Jing , Checked By Li Tiantian , Audited By Ke Liu

YoungShe Chem Quality Control Department Date: 2026-1-07

成都云希化工有限公司质检部