



## Certificate of Analysis

### Product Information

Product Name:	<b>Tesamorelin</b>
Lot Num:	P241475
Sequence:	反式-3-己烯酸-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH <sub>2</sub>
Molecular Weight:	5135.86
Duration:	20240905-20260904
Storage Temperature:	Stored at -20°C for long-term storage

### Test Results

Test	Requirement / Specification	Result
Mass Spectral Analysis:	5132.72 ± 1	Conforms
Column :	N/A	COSMOSIL 5C <sub>18</sub> -MS- II 4.6ID*250mm
Mobile phase:	N/A	A:0.1%TFA in 100%H <sub>2</sub> O B:ACN
	Purity: ≥ 98.0%	99.90%
HPLC Analysis:	Total impurities: ≤ 2.0%	Conforms
	Maximum single impurity: ≤ 2.0%	Conforms
Appearance:	White lyophilized powder	Conforms
Counter Ion:	Acetate	Conforms

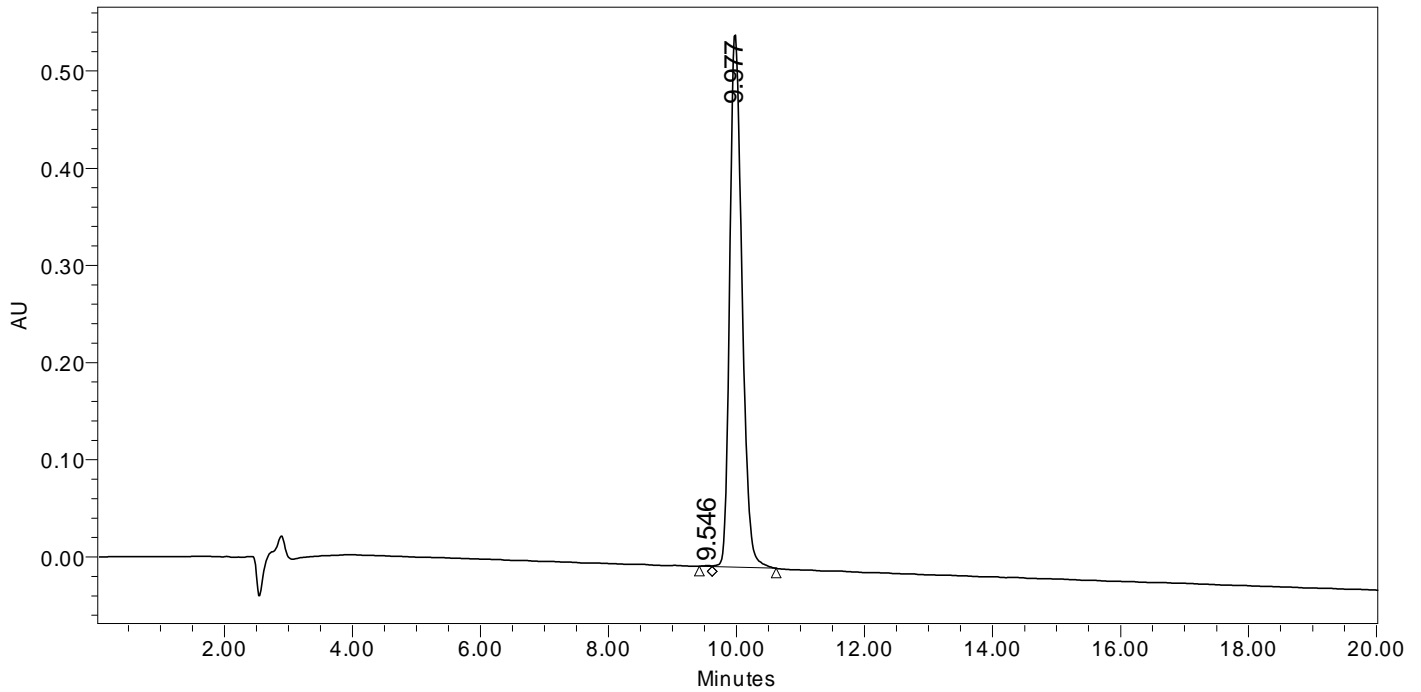
CH <sub>3</sub> COO-%:	≤ 15.0%	5.960%
CF <sub>3</sub> COO-%:	≤ 1.0%	0.418%
Water Content:	≤ 8.0%	5.44%
Peptide Content:	≥ 80.0%	91.91%
Water Solubility:	N/A	Soluble

**Quality Assurance By:** \_\_\_\_\_  
(Quality Control Department)

**Date:** 2024/9/10

SAMPLE INFORMATION

Sample Name:	P241475	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1	Acq. Method Set:	30_50% B in 20min
Injection #:	1	Processing Method:	Default
Injection Volume:	10.00 ul	Channel Name:	220.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 220.0 nm (PDA 190.0 to
Date Acquired:	9/5/2024 2:21:28 PM CST		
Date Processed:	9/5/2024 2:49:32 PM CST		



	RT	Area	% Height	Width (sec)	% Area
1	9.546	6973	0.15	12.000	0.10
2	9.977	7311874	99.85	60.000	99.90

