Certificate of Analysis

Product Name: Tesamorelin

Formula: C221H366N72O67S

Lot No.: P242294

Salt Type: Acetate

Report Date: 20260126

Retest Date： 20280125

Cas: 218949-48-5

Quantity: 110g

Sequence:

Trans-3-hexenoyl-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-NH2

Tests	Specification	Results
Appearance	White powder	Conforms
Solubility	Soluble in water ≥ 5mg/ml	Conforms
Related Substances(HPLC)	Maximum single impurity≤0.5% Total impurities ≤1.0%.	Maximum single impurity：0.3% Total impurities：0.3%.
Purity	≥98%	99.7%
Water Content	≤ 10%	6.73%
Acetic acid	≤ 10%	5.96%
Residual solvents	Methanol: ≤300ppm Isopropanol: ≤ 500ppm Acetonitrile: ≤ 410ppm Methylene chloride: ≤ 600ppm	Methanol: N.D Isopropanol: N.D Acetonitrile: 93ppm Methylene chloride: N.D
Peptide Content	≥80%	92.7%
Bacterial endotoxin	<5EU/mg	Conforms
Mass Spectrum	5132.72±1	Conforms

Store at：2℃~8℃

Notes：This product is used for research only

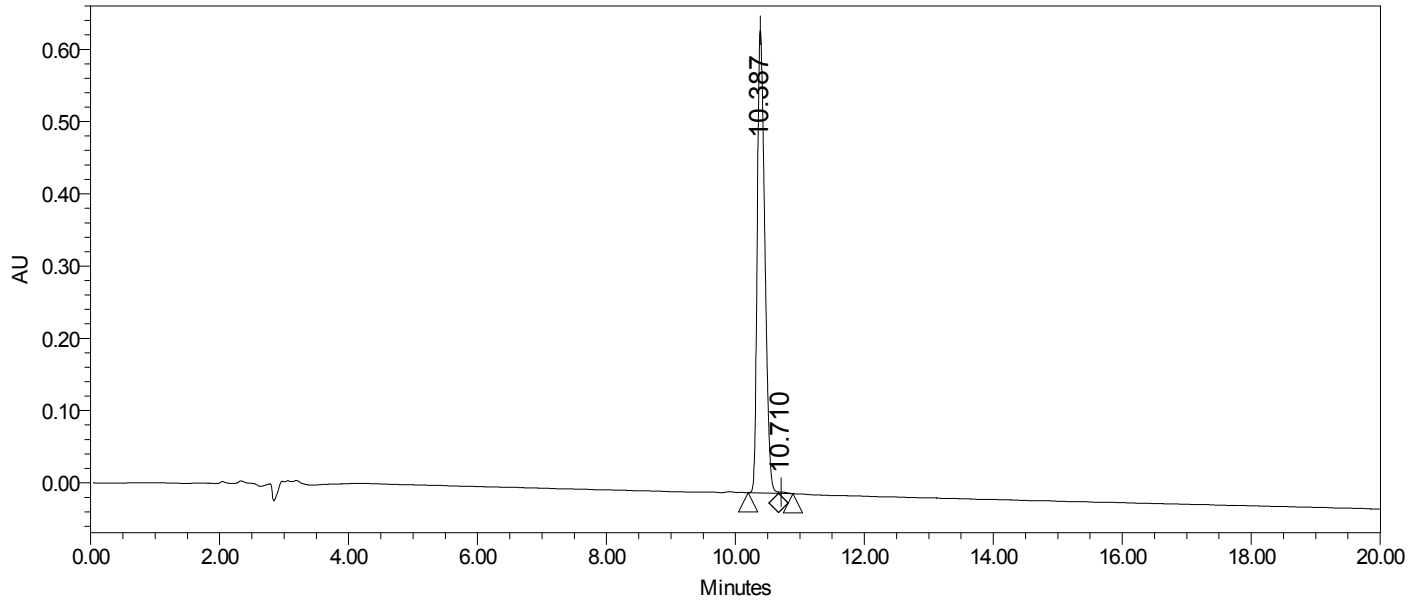
Empower 3 SOFTWARE

QC REPORT

SAMPLE INFORMATION

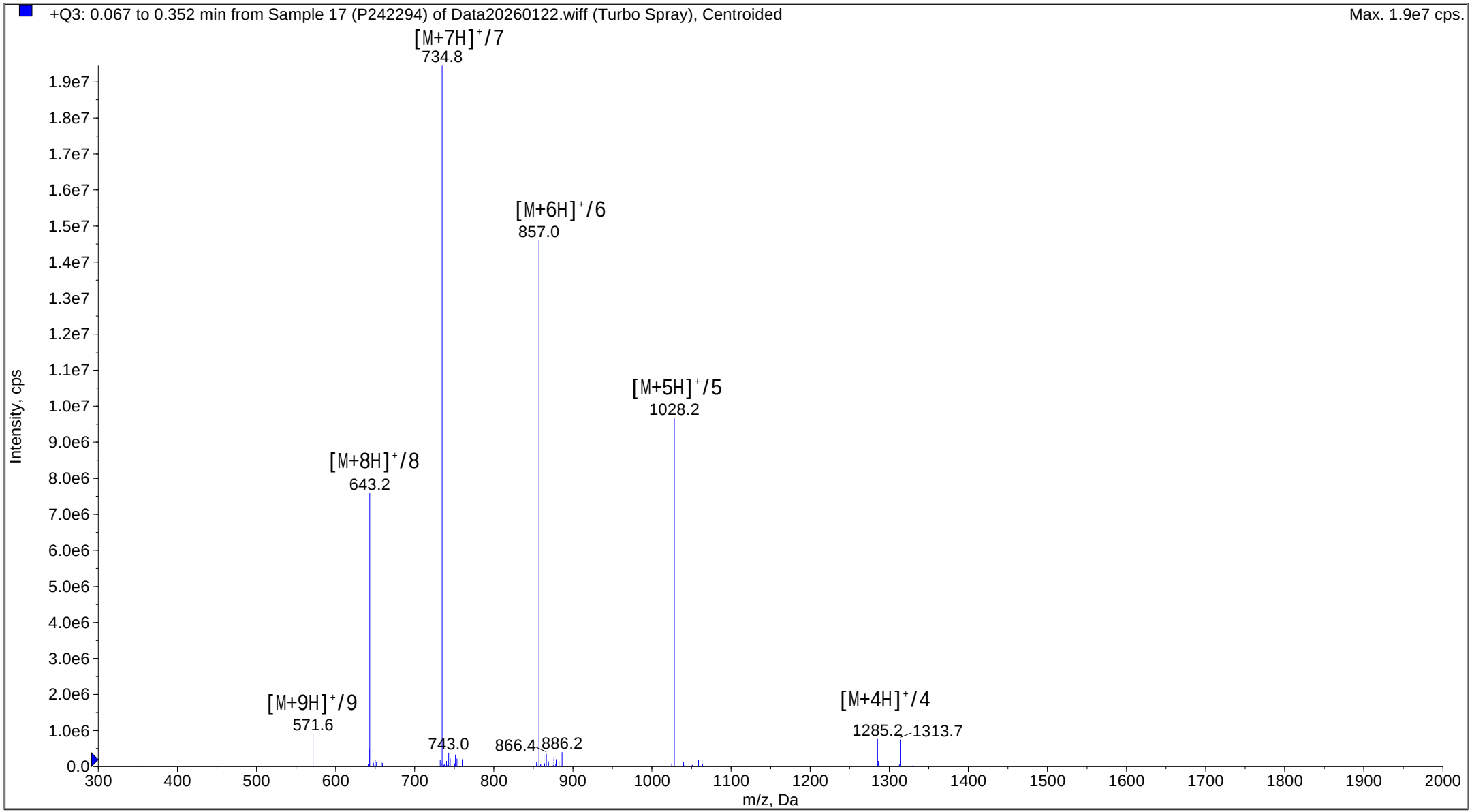
Sample Name:	P242294	Acquired By:	System
Sample Type:	Unknown	Sample Set Name	
Vial:	1	Acq. Method Set:	30_50% B in 20min
Injection #:	1	Processing Method	caf
Injection Volume:	10.00 ul	Channel Name:	220.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 220.0 nm (190-800)nm
Date Acquired:	1/25/2026 10:24:17 PM PRC +08:00		
Date Processed:	1/26/2026 8:50:59 AM PRC +08:00		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Height	Width (sec)	% Area
1	10.387	5208204	99.71	28.406	99.70
2	10.710	15930	0.29	13.203	0.30


+Q3: 0.067 to 0.352 min from Sample 17 (P242294) of Data20260122.wiff (Turbo Spray), Centroided
Max. 1.9e7 cps.
[M+7H]+/7
734.8
[M+6H]+/6
857.0
[M+5H]+/5
1028.2
[M+8H]+/8
643.2
[M+9H]+/9
571.6
[M+4H]+/4
1285.2
1313.7
743.0
866.4
886.2
Intensity, cps
m/z, Da