

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	Tesamorelin Acetate
Lot No.:	VI1820250607-10
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}
Modifications:	C-Terminal Amide

Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder (Conforms)
Molecular Weight (MS)	5135.86±1.0 Da	5136.40 Da
Purity by HPLC	>98%	99.2%
Retention Time (HPLC)	±0.2min of Standard	Conforms
Assay	80.0%~ 120.0%	91.7%
Solubility	10 mg/1ml H ₂ O	Clearly soluble
Acetic acid content	≤10.0%	9.1%
TFA Content	≤0.500%	Conforms
DCM Content	≤0.060%	N.D.
DMF Content	≤0.088%	N.D.
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

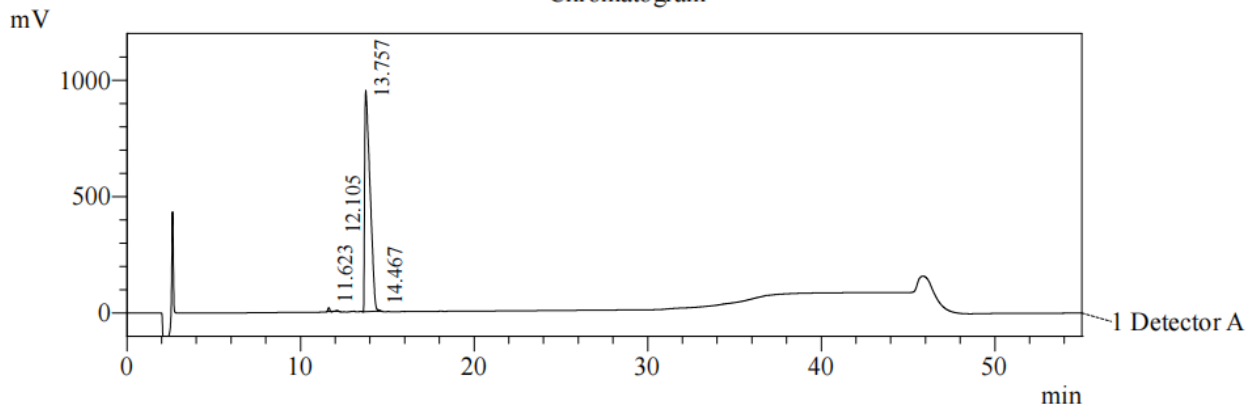
Storage Conditions: -20°C.

Date of Mfg: 07 Jan 2026

Lot. No	VI1820250607-10
Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	0.8ml/min
Wavelength	220nm
Analytical column type	Phenomenex Luna 3um C18 (2) (4.6*150mm*3um)
Dissolution method	100%H ₂ O
Acquisition Time	2026/1/10 21:49:21
Inj. Volume	40ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	30
25.00	Pumps	B.Conc	45
30.00	Pumps	B.Conc	90
40.00	Pumps	B.Conc	90
41.00	Pumps	B.Conc	30
55.00	Controller	Stop	

Chromatogram

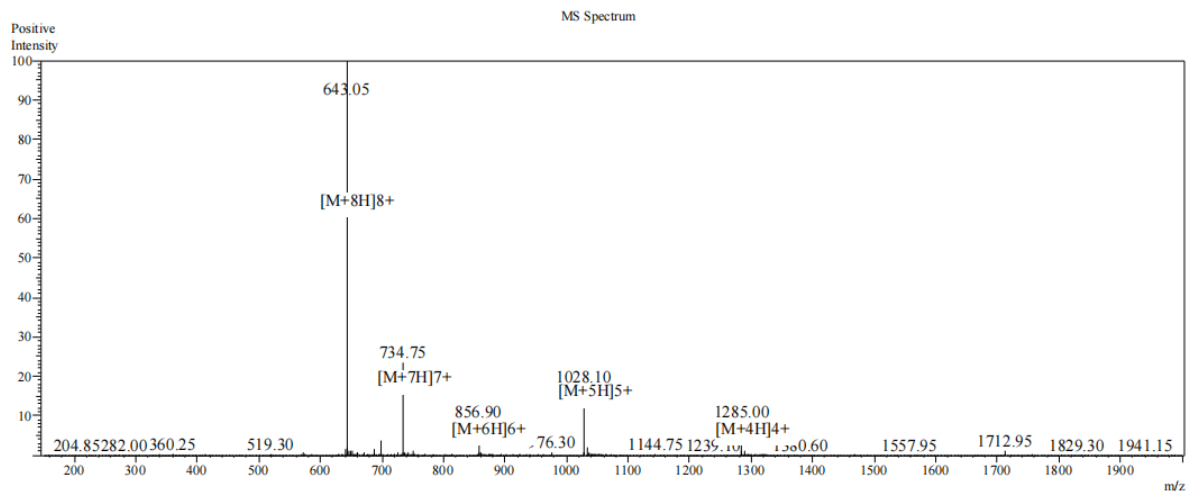


1 Detector A / 220nm

PeakTable

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area %
1	11.623	107188	16195	0.523
2	12.105	24543	3455	0.120
3	13.757	20317245	949666	99.187
4	14.467	34738	5696	0.170
Total		20483714	975011	100.000



Lot No.	VI1820250607-10
Theoretical	5135.86
Observed	5136.40