

CERTIFICATION OF ANALYSIS

Tesamorelin Powder (Synthetic)	CAS: 218949-48-5
Product No.:800052	Batch No.: 23092002
Date of Mfg: Sep 20, 2023	Date of Exp: Sep 19, 2025
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	

Test	Specification	Result
Appearance	White or off-white powder	White powder
Solubility	Soluble in H2O	conforms
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	conforms
MS	5135.9±1.0	5136.2
Purity(HPLC)	NLT 98%	98.6%
Acetic acid	NMT 10%	1.6%
Water	NMT 7.0%	4.7%
Assay	97.0%-103.0% (anhydrous and acetic acid free substance)	98.1%

Storage: In an air tight container, protected from light

Temperature :Short Term:2-8℃ ; Long Term:below-10℃

Conclusion: the product complies with specification.

It is only supplied as chemical product. Used only for research. Not for human use.

Analysis :Janie.zhang
Date :2023.09.21

Approved by : Christ.zheng
Date :2023.09.21