

Certificate of Analysis

Product	Tesamorelin	CAS No.:	218949-48-5
Product No.	800052	Molecular Formula	C ₂₂₁ H ₃₆₆ N ₇₂ O ₆₇ S
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-NH ₂		
Batch No.	26030604-03	Quantity	407.5g
Mfg. Date	Mar.06 th , 2026	Retest Date	Mar.05 th , 2028

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
Appearance	White or off-white powder	White powder
Solubility	Soluble in H ₂ O	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
Amino acid content	Gly 2.7-3.3	3.0
	Ala 4.5-5.5	5.1
	Ser 3.6-4.4	4.0
	Val 0.9-1.1	1.0
	Thr 0.9-1.1	1.0
	Ile 1.8-2.2	2.0
	Leu 4.5-5.5	5.2
	Asx 3.6-4.4	3.9
	Glx 6.3-7.7	6.9





	Lys 1.8-2.2	2.0
	Met 0.9-1.1	1.0
	Phe 0.9-1.1	1.0
	Arg 5.4-6.6	5.9
	Tyr 1.8-2.2	2.0
Mass spectrum	5135.9±1.0	5136.6
Purity(HPLC)	NLT 98.0%	99.4%
Acetic acid	NMT 15.0%	11.0%
Trifluoroacetate	NMT 0.5%	N.D
Water content(KF)	NMT 8.0%	3.4%
Peptide content(%)	NLT 80.0%	84.9%
Residual solvent	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410 ppm	27ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
Bacterial endotoxins	NMT 10EU/mg	Conforms
Microbial limits	TAMC NMT 100cfu/g TYMC NMT 100cfu/g	Conforms
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>Li Peng</i> QUALITY TEST 质量检验	Date 2026.3.6
Reviewer	<i>Fangyuan lei</i> 合格 TEST QUALIFIED	Date 2026.3.6
Conclusion: This batch of product complies with Enterprise Standard.		

It is only supplied as chemical product.

It is only for R&D use.