

CERTIFICATE OF ANALYSIS

Product Name	Tesamorelin / LY3239540 (Cat.# 319206, >99% purity)
Lot No.	7031-2578-02-9481
Sequence	H-Ser-Asp-Leu-Ser-Arg-Leu-Arg-Leu-Gln-Glu-Ala-Gln-Arg-Leu-Arg-Gln-Asn-Ala-Leu-Arg-Arg-Leu-Gln-Ala-Arg-Arg-Asn-NH ₂ (Sodium salt)
Dissolution condition	100% H ₂ O
Length	25AA
Modification	sodium salt
Molecular Weight (MW)	2996.48
Storage	-20°C

	Specifications	Results
Appearance	White to off-white lyophilized powder	Conforms
MW by MS	2996.5±1Da	2996.2Da
Dissolution	Tested: Water PBS DMSO	Water: soluble, 100mg/ml PBS: soluble, 100mg/ml DMSO: soluble, 100mg/ml
pH value	7.0-8.0	7.4
TFA	≤0.5%	0%,undetectable
Acetate	≤5.0%	0%,undetectable
Sodium salt	≤5.0%	1.2%
Purity	≥99.0%	99.551%
Impurity	Single Impurity ≤1.0%	0.3%
	Total Impurity ≤2.0%	0.4%
Polymer	≤0.5%	0.08%
Net peptide content (NPC)	≥85.0%	96.8%
Water	≤8.0%	4.9%

Certified by:



Quality Assurance Department

Jun/20/2025

