

CERTIFICATE OF ANALYSIS

Product Name	Ipamorelin / LY6258493 (Cat.# 319206, >99% purity)
Lot No.	7248-3691-07-8152
Sequence	Cys-Ala-Ser-Gln-Gly-Tyr-Arg-Leu-Arg-Gln-Arg-Gly-Ser-Asn-Arg-Phe-NH ₂ (Disulfide bridge: Cys1-Cys17)
Dissolution condition	100% H ₂ O
Length	17AA
Modification	none
Molecular Weight (MW)	2006.29
Storage	-20°C

	Specifications	Results
Appearance	White to off-white lyophilized powder	Conforms
MW by MS	2006.3±1Da	2006.1Da
Dissolution	Tested: Water PBS DMSO	Water: soluble, 100mg/ml PBS: soluble, 100mg/ml DMSO: soluble, 100mg/ml
pH value	7.0-8.0	7.5
TFA	≤0.5%	0%, undetectable
Acetate	≤5.0%	0%, undetectable
Sodium salt	≤5.0%	1.2%
Purity	≥99.0%	99.712%
Impurity	Single Impurity ≤1.0%	0.3%
	Total Impurity ≤2.0%	0.4%
Polymer	≤0.5%	0.08%
Net peptide content (NPC)	≥85.0%	96.7%
Water	≤8.0%	4.8%

Certified by: 
Quality Assurance Department

Jun/20/2025

