

BATCH QUALITY DOCUMENT

Certificate of Analysis

Batch-specific analytical results, QSC Peptidology in-house QC.

Product	SS-31	Batch	SS-2608
Mfg date	2026-08-04	Test date	2026-08-12
Retest date	2028-08-03	Quantity	71.5g
Molecular formula	C ₃₂ H ₄₉ N ₉ O ₅	Molecular weight	639.0
Storage condition	-20±5°C		

Test Item	Acceptance Criteria	Test Result	Status
Appearance	White or off-white powder	White powder	PASS
Solubility	Soluble in water (1mg/ml)	Meet the requirements	PASS
Identity by MS	639.80±1.0	639.0	PASS
Water Content	≤5.0%	2.5%	PASS
Acetic Acid	≤24.0%	19.9%	PASS
Purity	≥98.0%	99.3%	PASS
Related substance	Largest Single impurity ≤1.0% Total impurities ≤2.0%	0.15% 0.70%	PASS
Peptide content	Report	77.1%	PASS
Organic solvent residual	Acetonitrile ≤410ppm Triethylamine ≤320ppm Methanol ≤3000ppm	125ppm 113ppm 59ppm	PASS
Bacterial endotoxin	<5 IU/mg	<5 IU/mg	PASS
Microbial limit	Total aerobic ≤100cfu/g Mold and Yeast ≤10cfu/g	<100cfu/g <10cfu/g	PASS

CONCLUSION Meets all specifications stated above.

For research and development use only. Not for human or veterinary use.

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