

BATCH QUALITY DOCUMENT

Certificate of Analysis

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

Product	PE 22-28	Batch	PE-2607
Mfg date	2026-07-17	Test date	2026-07-22
Retest date	2028-07-16	Quantity	8.25g
Molecular formula	C35H55N11O9	Molecular weight	773.7
Storage condition	-20±5°C	Standard	In house

Test Item	Acceptance Criteria	Test Result	Status
Appearance	White or almost white powder	Meet the requirements	PASS
Solubility	Soluble in water	Meet the requirements	PASS
Identity by MS	773.4±2	773.7	PASS
Water Content	NMT 8.0%	3.2%	PASS
Acetic Acid	NMT 15.0%	8.0%	PASS
Related Substances	Largest single impurity NMT 1.0% Total impurities NMT 2.0%	0.2% 0.7%	PASS
Chromatographic Purity	NLT 98.0%	99.3%	PASS
Residual Solvents	Dichloromethane NMT 0.060% Acetonitrile NMT 0.041% N,N-Dimethylformamide NMT 0.088%	<0.060% <0.041% <0.088%	PASS
Bacterial Endotoxins	Less than 10 EU per mg	<10 EU/mg	PASS
Microbial Limit	Total aerobic bacteria NMT 100 cfu/g Total Yeasts and Molds NMT 100 cfu/g	<100 cfu/g <100 cfu/g	PASS
Assay	95.0%~105.0% (Anhydrous, Acetic acid-free)	98.7%	PASS
Peptide Content	NLT 80.0%	87.3%	PASS

CONCLUSION Meets all specifications stated above.

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

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