

BATCH QUALITY DOCUMENT

Certificate of Analysis

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

Product	AOD9604	Batch	AOD-2608
Mfg date	2026-08-01	Test date	2026-08-10
Retest date	2027-07-31	Quantity	16.5g
Molecular formula	C78H123N23O23S2	Molecular weight	1815.39
Storage condition	-20±5°C		

Test Item	Acceptance Criteria	Test Result	Status
Appearance	White to off-white solid	White solid	PASS
Solubility	>10mg/ml (in water)	Meet the requirements	PASS
Identity By MS	1815.10±1.0Da	1815.39	PASS
pH	Report	4.77 (2mg/ml in water)	PASS
Water Content (Karl Fischer)	≤10.0%	8.8%	PASS
Acetic Acid (By HPLC)	≤12.0%	6.9%	PASS
TFA	≤0.5%	ND	PASS
Purity (By HPLC)	≥99.0%	99.21%	PASS
Related Substance	Total impurities ≤1.0% Largest Single impurity ≤0.5%	0.79% 0.39%	PASS
Peptide content	≥80.0%	83.6%	PASS
Residual solvent	Acetonitrile ≤410ppm Dichloromethane ≤600ppm N,N-Dimethylformamide ≤880ppm Methanol ≤3000ppm MTBE ≤3000ppm	ND ND ND ND ND	PASS
Bacterial endotoxin	<3 EU/mg	<3 EU/mg	PASS
Microbial limit	Total aerobic bacteria <1000cfu/g Mold and Yeast <100cfu/g	<100cfu/g <100cfu/g	PASS

CONCLUSION Meets all specifications stated above.

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

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