

BATCH QUALITY DOCUMENT

Certificate of Analysis

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

Product	Cagrilintide	Batch	CG-2607
Mfg date	2026-07-17	Test date	2026-07-28
Retest date	2028-07-16	Quantity	46.75g
Molecular formula	C194H312N54O59S2	Molecular weight	4409.11
CAS No.	1415456-99-3	Storage condition	-20±5°C

Test Item	Acceptance Criteria	Test Result	Status
Appearance	White or almost white powder	White powder	PASS
Solubility	Freely soluble in DMSO, soluble in water	Meet the requirements	PASS
Identity by MS	4409.01±1.0	4409.11	PASS
Clarity and color of solution	Should be clear and colorless	Meet the requirements	PASS
pH	4.0~7.0	5.3	PASS
Water Content	≤10.0%	4.0%	PASS
Ammonium ion	≤0.5%	ND	PASS
Triethylamine	≤0.5%	ND	PASS
Phosphate ion	≤0.5%	ND	PASS
Trifluoroacetic acid	≤0.1%	ND	PASS
Acetic Acid	≤8.0%	2.1%	PASS
HMWP	≤0.5%	0.2%	PASS
Purity	≥98.0%	99.6%	PASS
Related Substance	Total Impurities ≤2.0% Single Impurity ≤0.5%	0.41% 0.18%	PASS
Assay	90.0%~110.0%	99.2%	PASS
Peptide Content	≥85.0%	93.5%	PASS
Bacterial Endotoxins	<10EU/mg	<0.5EU/mg	PASS
Residual solvent	Acetonitrile ≤0.041% Dichloromethane ≤0.06% N,N-Dimethylformamide ≤0.088% Methanol ≤0.3% Ethyl acetate ≤0.5% Methyl tert-Butyl Ether ≤0.5%	0.026% ND ND ND ND ND	PASS

CONCLUSION Meets all specifications stated above.

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

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