

BATCH QUALITY DOCUMENT

Certificate of Analysis

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

Product	Retatrutide	Batch	RT-2605
Mfg date	2026-05-19	Test date	2026-05-29
Retest date	2028-05-18	Quantity	803g
CAS No.	2381089-83-2	Standard	In-house

Test Item	Acceptance Criteria	Test Result	Status
Appearance	White or off-white powder	White powder	PASS
Solubility	Soluble or freely soluble in water	Meet the requirement	PASS
Average Molecular Weight	4731.3±1.0 Da	4731.5Da	PASS
Chromatographic Identification	Retention time consistent with standard	Meet the requirement	PASS
pH	6.0–8.5	7.0	PASS
Clarity and Color of Solution	Should be clear, colorless	Meet the requirement	PASS
Chromatographic Purity	NLT 94.0%	99.2%	PASS
Related Substances	Maximum unknown single impurity NMT 0.5% Total impurities NMT 6.0%	0.24% 0.79%	PASS
High Molecular Weight Proteins	NMT 0.8%	0.02%	PASS
Water Content	NMT 10.0%	5.2%	PASS
Sodium Content	NMT 3.0%	1.6%	PASS
Residual Solvents	Methanol NMT 3000ppm Acetonitrile NMT 410ppm Dichloromethane NMT 600ppm N,N-Dimethylformamide NMT 880ppm	50ppm 38ppm ND ND	PASS
Microbial Limit	Total Aerobic Microbial Count NMT 100 cfu/g Total Yeasts and Molds Count NMT 100 cfu/g	30cfu/g 20cfu/g	PASS
Bacterial Endotoxins	<5EU/mg	Meet the requirements	PASS
Peptide Content	NLT 85.0%	92.1%	PASS
Assay	95.0%–105.0% (On Anhydrous and Sodium Free)	98.6%	PASS

CONCLUSION Meets all specifications stated above.

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