

BATCH QUALITY DOCUMENT

Certificate of Analysis

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

Product	Tesamorelin	Batch	TS-2607
Mfg date	2026-07-22	Test date	2026-07-30
Retest date	2028-07-21	Quantity	11g
CAS No.	901758-09-6	Standard	In house

Test Item	Acceptance Criteria	Test Result	Status
Description	White or off-white powder	White powder	PASS
Solubility	Soluble in water	Meet the requirements	PASS
Chromatographic Identification	Retention time correspond to standard	Meet the requirements	PASS
Average Molecular Weight	5135.9±1.0 Da	5135.9 Da	PASS
Water Content	NMT 7.0%	4.4%	PASS
Acetic Acid	NMT 10.0%	7.8%	PASS
Related Substances	Max unknown single impurity NMT 1.0% Total impurities NMT 2.0%	0.10% 0.27%	PASS
Chromatographic Purity	NLT 98.0%	99.7%	PASS
HMWP	NMT 0.8%	0.04%	PASS
Residual Solvents	Dichloromethane NMT 600 ppm Acetonitrile NMT 410 ppm N,N-Dimethylformamide NMT 880ppm	ND 95ppm ND	PASS
Bacterial Endotoxins	Less than 10 EU per mg	Meet the requirements	PASS
Microbial Limit	Total aerobic bacteria NMT 100 cfu/g Total Yeasts and Molds NMT 100 cfu/g	Meet the requirements Meet the requirements	PASS
Assay	95.0%~105.0% (Anhydrous, Acetic acid-free)	97.4%	PASS
Peptide Content	NLT 80.0%	87.5%	PASS

CONCLUSION	Meets all specifications stated above.
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