

BATCH QUALITY DOCUMENT

Certificate of Analysis

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

Product	Kisspeptin-10	Batch	KIS-2607
Mfg date	2026-07-02	Test date	2026-07-09
Retest date	2028-07-01	Quantity	13.75g
Molecular formula	C63H83N17O14	Molecular weight	1302.25
CAS No.	374675-21-5	Storage condition	-20±5°C

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	1302.45±1 Da	1302.25	PASS
Water Content (Karl Fischer)	≤8.0%	5.6%	PASS
Acetic Acid (By HPLC)	≤15%	7.3%	PASS
Trifluoroacetic acid (By HPLC)	≤0.5%	ND	PASS
Peptide Purity (By HPLC)	≥99.0%	99.4%	PASS
Related Substance	Total Impurities ≤1.0% Largest Single Impurity ≤0.5%	0.6% 0.5%	PASS
Polymers	≤0.5%	0.03%	PASS
Assay	95.0%~102.0%	99.1%	PASS
Residual solvents	Acetonitrile ≤0.041% Dichloromethane ≤0.06% N,N-Dimethylformamide ≤0.088% Methanol ≤0.3% MTBE ≤0.5%	0.008% ND ND 0.02% ND	PASS
Bacterial Endotoxins	<10EU/mg	Meet the requirements	PASS
Microbial limit	Total aerobic bacteria ≤100cfu/g Mould & Yeast ≤100cfu/g	<10cfu/g <10cfu/g	PASS

CONCLUSION Meets all specifications stated above.

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