

BATCH QUALITY DOCUMENT

Certificate of Analysis

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

Product	Oxytocin	Batch	OXY-2605
Mfg date	2026-05-15	Test date	2026-05-15
Retest date	2028-05-14	Quantity	16.5g
Storage condition	Airtight, protected from light, -20±5°C		

Test Item	Acceptance Criteria	Test Result	Status
Appearance	White or almost white crystalline powder	White crystalline powder	PASS
Solubility	Soluble in water	Soluble in water	PASS
Mass Spectrum	1007.20±1.0	1006.4	PASS
Purity	≥98.0%	99.1%	PASS
Related substances	Total impurities ≤2.0% Single impurity ≤1.0%	0.86% 0.35%	PASS
Peptide Content	≥80.0%	88.6%	PASS
Water	≤5.0%	2.6%	PASS
Acetic acid	6.0%~10.0%	8.00%	PASS
Residual solvents	Acetonitrile ≤410ppm Methyl alcohol ≤3000ppm Triethylamine ≤320ppm	301ppm 827ppm ND	PASS
Bacterial Endotoxins	<10IU/mg	<10IU/mg	PASS
Microbial limit	Aerobic bacterial count ≤100cfu/g Mould & Yeast ≤10cfu/g	<10cfu/g <10cfu/g	PASS

CONCLUSION	Meets all specifications stated above.
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