PURE PEPTIDES

BIOPHARMACEUTICALS

SCIENCE | QUALITY | INTEGRITY

Pure Peptides Biopharmaceuticals
purepeptideshome.co
support@purepeptideshome.co

RESEARCH • EDUCATION • A HIGHER STANDARD

CERTIFICATE OF ANALYSIS

PRODUCT QUALITY DOCUMENTATION

Document No.	PPCOA-2026-009
Issue Date	02 Jun 2026
Page	1 of 1
Revision	1.0

1. PRODUCT INFORMATION

Product Name	Oxytocin
Product Code	PP-OXY-002
CAS Number	50-56-6
Batch Number	OXY-202-606-24
Manufacturing Date	02 Jun 2026
Retest Date	02 Jun 2028
Quantity	2 mg
Appearance (Product)	White lyophilised powder
Intended Use	For research purposes only. Not for human consumption.

Oxytocin

Cyclic Nonapeptide

Formula: C43H66N12O12S2
MW: 1007.2 g/mol
Sequence: CYIQNCPLG-NH2
Cys1-Cys6 disulfide bridge
CAS: 50-56-6

2. SPECIFICATIONS

Test Parameter	Specification	Method
Appearance	White lyophilised powder	Visual
Identity	Conforms to reference standard	LC-MS
Purity (HPLC)	≥ 99.2%	HPLC (UV)
Peptide Content	≥ 98.0%	HPLC
Water Content (Karl Fischer)	≤ 5.0%	KF
Residual Solvents	Meets ICH Q3C guidelines	GC
Microbial Limit (TAMC/TYMC)	≤ 100 CFU/g / ≤ 10 CFU/g	USP <61>, <62>
Endotoxins	≤ 0.25 EU/mg	LAL
Heavy Metals (as Pb)	≤ 10 ppm	ICP-MS

3. CONCLUSION

This batch of Oxytocin complies with the above product specifications.	**RESULT:**	**PASS**

4. APPROVAL

	Name	Position	Signature	Date
Prepared by	Zheng Pal	Quality Assurance	Zheng Pal	02 Jun 2026
Approved by	Sarah Mitchell	Quality Control	S Mitchell	02 Jun 2026

LAB TESTED
INDEPENDENT REPORT
QUALITY ASSURED • RESEARCH PURPOSES ONLY

This certificate relates only to the batch number stated above.
Independent laboratory documentation is supplied separately where applicable.
This product is for research purposes only. Not for human consumption.
Pure Peptides Biopharmaceuticals accepts no liability for misuse of this material.