

Certificate Of Analysis

NO:024-O81-TSX

Peptide Name	Oxytocin		
Molecular Formula	C ₄₃ H ₆₆ N ₁₂ O ₁₂ S ₂	Manufacturing	2026/06/01
Molecular Weight	1008.17	Report Date	2026/06/02
CAS No.	50-56-6	Re-test Date	2028/05/31
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	Cool dry place(-20°C, away from the light)
Sequence	c[Cys-Tyr-Ile-Gln-Asn-Cys]-Pro-Leu-Gly-NH ₂		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.20%
Related Substance (ByHPLC)	Total Impurities(%) ≤ 1.5%	0.80%
	Largest Single Impurity (%) ≤ 0.5%	0.47%
Acetate Content(HPLC)	≤12.0%	8.2%
Bacterial endotoxins	≤10EU/mg	Conforms
Water Content (Karl Fischer)	≤8.0%	2.1%
Peptide Content (N%)	≥80.0%	88.90%
Mass Balance	95.0~105.0%	Conforms

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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