



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Oxytocin

CAS: 50-56-6

Batch Number: *FTF0250412* Batch Quantity: 10kg

Manufacture Date: Apr.10th,2025 Analysis Date: Apr.11th,2025 Certificate Date: Apr.12th,2025

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

Item	Specification	Results
Appearance	White or almost white powder	White powder
Solubility	Very soluble in water. It dissolves in dilute solutions of acetic acid and of ethanol (96%)	Conform
Identification (HPLC)	Retention time conforms to that of reference	Conform
pH	3.0-6.0	4.9
Water (KF)	≤5.0%	1.60%
Related substance	Individual ≤1.5%	1.30%
	Together ≤5.0%	2.40%
Amino acids		
Asp	0.90~1.10	
Glu	0.90~1.10	
Pro	0.90~1.10	
Gly	0.90~1.10	Conform
Leu	0.90~1.10	
Ile	0.90~1.10	
Tyr	0.70~1.05	
Half-Cys	1.40~2.10	
Acetic acid	6.0%-10.0%	8.70%
Bacterial endotoxins	<300 IU/mg	Conform
Bacterial count	≤100CFU/g	Conform
Assay	93.0%~102.0%	98.30%
Activity	≥480IU/mg	530IU/mg

Conclusion: It conforms to EP8.0 and USP37 .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

