



武汉福鑫化工有限公司

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Certificate of Analysis

Name of product : OXYTOCIN

Date of expiry : Feb.18,2022

Batch No: 190201

Date of manufacturing: Feb.19,2019

Batch weight: 400g

ITEMS	SPECIFICATIONS	RESULTS
Characteristics	White or almost white, hygroscopic powder	White powder
Solubility	Very soluble in water. It dissolves in dilute solutions of acetic acid and of ethanol (96%).	Conforms
Identification		
HPLC:	RT same as reference standard	Conforms
Amino Acid Composition	Gly:0.90-1.10 Leu: 0.90-1.10 Pro: 0.90-1.10 Cys:1.4-2.1 Asp:0.90-1.10 Glu:0.90-1.10 Ile: 0.90-1.10 Tyr: 0.7-1.05	Conforms
pH	3.0~6.0	4.7
Single impurity	≤1.5%	0.5%
Total impurities	≤5.0%	1.5%
Water Content	Karl Fischer: ≤5.0%	1.9 %
Acetate Content	6.0%~ 10.0%	8.2%
Bacterial Endotoxins	<300IU/mg	Conforms
Bacterial count	≤100CFU/g	Conforms
Assay (HPLC)	93.0%~102.0% On powder ≥80.0% Potency ≥400IU/mg	97.8% Conforms 528IU/mg
Conclusion:	Conformed to the requirements of EP 7.0	

Director: Luo Xiaofeng

Re-tester : AT02

Tester: AT01