杭州东瑞医药科技有限公司
HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.

CERTIFICATE OF ANALYSIS

Oxytocin (CAS: 50-56-6)

Batch No.: DR20140209	**Quantity:** 5g
Manufacture Date: 2014.02.09	**Expiry Date:** 2016.02.08

TESTS:

Items	Specification	Results
Appearance	White or almost white powder.	White powder
Identification	A:HPLC :Retention time conforms to that of the reference standard B. Amino acids: Asp: 0.90-1.10；Glu: 0.90-1.10 Pro: 0.90-1.10； Gly: 0.90-1.10 Leu: 0.90-1.10； Tyr: 0.7-1.05 Half-Cys: 1.4-2.1； Ile: 0.90-1.10	Conforms Conforms
PH	3.0-6.0	5.0
Related sub < stances(HPLC)	Impurity A≤1.0% Impurity B≤1.0% Impurity C≤1.5% Other single impurity≤0.5% Total impurities≤5.0%	0.04% 0.19% 0.1% 0.08% 0.4%
Acetic acid (HPLC)	6.0%-10.0%	7.8%
Water(KF)	≤5.0%	1.3%
Bacterial endotoxins	< 300 IU/mg	Conforms
AcN(GC)	≤0.041%	Conforms
MeOH(GC)	≤0.3%	Conforms
Triethylamine(GC)	≤0.032%	Conforms

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Assay Calculated with reference to anhydrous, acetic acid free substance	93.0%-102.0%	99.7%
on powder	≥80.0 %	90.7%
	≥480 IU/mg	544IU/mg
Conclusion: The results conform with theEP7.0		

Analyst:__Joe Yu_____ Checker:__Agnes Zhong_____QA.Manager:___Sun Wenhu__

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