

**HANGZHOU DINGYAN CHEM CO., LTD**

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CERTIFICATE OF ANALYSIS

NO: DYC051903122

Product name	Pramoxine hydrochloride
CAS Number	637-58-1
Batch number	18110113
Manufacture Date	2018-11-01
Expiry date	2020-10-31
Testing date	2018-11-01

Items	Standard	Result
Appearance	White to almost white crystalline powder	White crystalline powder
Solubility	Freely soluble in water and in alcohol, soluble in chloroform, very slightly soluble in ether	Complies
PH	About 4.5	4.41
Identification	A:By IR, To match with working standard B:By HPLC, To match with working standard C:A solution responds to the test for Chloride	Complies Complies Complies
Melting point	170~174℃	171.9~173℃
Loss on drying	≤1.0%	0.07%
Residue on ignition	≤0.1%	0.056%
Residual solvents	Isopropanol ≤0.5% Ethanol ≤0.5% Petroleum ether ≤0.5% Acetone ≤0.5% Methanol ≤0.3% Ethyl acetate ≤0.5% Triethylamine ≤0.032%	Not detected 0.0076% Not detected Not detected Not detected 0.03% Not detected
Assay	98.0%~102.0% (on the anhydrous basis)	99.66%
Conclusion	Conforms with USP41 standard.	

QUALITY CONTROL: *Hangzhou Dingyan Chem Co., Ltd.*
Quality Control *Linyi Tang*
Signature(x)

CHECK: 姚仙娟

INSPECTOR: 刘清风