



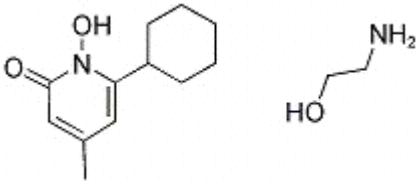
HANGZHOU DINGYAN CHEM CO.,LTD

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## CERTIFICATE OF ANALYSIS

NO: **DYC1018051801**

Product name	Ciclopiroxamine
CAS Number	41621-49-2
Molecule Structure	
Molecule Formula	C <sub>14</sub> H <sub>24</sub> N <sub>2</sub> O <sub>3</sub>
Batch No.	DYC20180226
Manufacturing Date	2018-02-26
Expiry Date	2019-02-25

Items	Standard	Result
Discriminate	IR absorption Conforms to standard	Complies
Description	White crystalline powder	Complies
Ciclopirox Olamine content	97.5~101.5%	99.55%
Ethanolamine content	223-230mg/g	225mg/g
Residue on ignition	≤0.1%	0.05%
Loss on drying	≤1.5%	0.36%
PH	8.0-9.0	8.4
heavy metal	≤10ppm	Complies
Related substances	Impurity A<0.5% Total impurities<0.5% Single impurities<0.1%	Complies
Solubility	Soluble in alcohol and organic solvents such as dichloromethane and slightly in water	Complies
Residual solvents	dichloromethane<600ppm toluene<890ppm ethyl<5000ppm	dichloromethane < 250ppm toluene<280ppm ethyl<1200ppm
Conclusion	Conforms to USP34 standard	

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**QUALITY CONTROL:**

Hangzhou Dingyan Chem Co.,Ltd.

Quality Control ..... *Eve* .....

*Signature(s)*

**CHECK:**姚仙娟

**INSPECTOR:** 刘清风