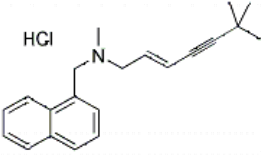




HANGZHOU DINGYAN CHEM CO., LTD  
Tel:86-571-87157530 Fax:86-571-87156470  
Email:sales@dingyanchem.com

## CERTIFICATE OF ANALYSIS

NO: DYC021310291

Product name	Terbinafine hydrochloride
CAS Number	78628-80-5
Molecule Structure	
Molecule Formula	C <sub>21</sub> H <sub>25</sub> N
Batch number	20140201
Manufacture Date	2014-02-01
Testing date	2014-02-01

Items	Standard	Result
Appearance	white or almost white powder	Complies
Solubility	Very slightly or slightly soluble in water, freely soluble in anhydrous ethanol and in methanol, slightly soluble in acetone	Complies
Identification	A:IR the infrared absorption spectrum exhibits maximum only at the same wavelengths as that of the standard sample B: It gives reaction of chlorides	Complies
Related substances	Impurity B 0.15% max Impurity E 0.05% max Any other impurity 0.1% max Total of impurity 0.3% max	N.D N.D 0.05% 0.11%
Loss on drying	0.5% max	0.22%
Sulphated ash	0.1% max	0.05%
Residual solvents	Isopropyl alcohol 5000ppm max Ethyl acetate 5000ppm max Chloroform 60ppm	320ppm 290ppm 5ppm
Assay	99.0~101.0%(dried substance)	99.85%
Conclusion	Meet the EP7.2 standard	

Hangzhou Dingyan Chem Co., Ltd.  
QUALITY CONTROL: Xuefen Chen  
CHECK: 姚仙娟

INSPECTOR: 刘清风