



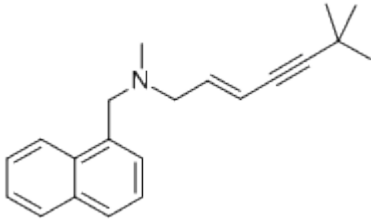
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC1018081743

Product name	Terbinafine hydrochloride
CAS Number	91161-71-6
Molecule Structure	
Molecule Formula	C ₂₁ H ₂₆ ClN
Batch number	2018-06-10
Manuf&Exp. Date	2018-06-10,2020-06-09
Testing date	2018-06-12

Items	Standard	Result
Appearance	White or almost white powder	Complies
Solubility	Freely soluble in anhydrous ethanol and in methanol ,slightly soluble in acetone, very slightly or slightly soluble in water	Complies
Identification	IR absorption spectrum of sample should be consistent with spectrum of standard It gives reaction (a) of chlorides using anhydrous ethanol as solvent	Complies
Related Substances	Impurity B ≤0.15% Impurity E ≤0.05% Unspecified impurity ≤0.10% Total impurities ≤0.30%	N.D N.D 0.05% 0.14%
Loss on drying	<5ppm	0.06%
Sulfated ash	<10ppm	0.06%
Residual solvents	Isopropyl alcohol ≤5000ppm Ethyl acetate ≤5000ppm Trichloromethane ≤60ppm	198ppm 321ppm 43ppm
Assay	99.0~101.0	99.5%
CONCLUSION: Complies with EP9.0		

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou, China



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QUALITY CONTROL:

Hangzhou Dingyan Chem Co., Ltd.

Quality Control Yan Chen

Signature(s)

CHECK:姚仙娟

INSPECTOR: 刘清风

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,JIANGGAN Area, Hangzhou, China