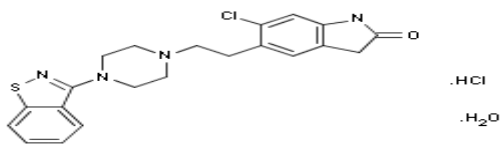




HANGZHOU DINGYAN CHEM CO., LTD
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CERTIFICATE OF ANALYSIS

NO: DYC081504092

Product name	Ziprasidone hydrochloride
CAS Number	138982-67-9
Molecule Structure	 ·HCl ·H ₂ O
Molecule Formula	C ₂₁ H ₂₁ ClN ₄ OS.HCl.H ₂ O
Batch number	20141109
Manf&Exp. Date	2014-11-09,2016-11-08
Testing date	2014-11-09

Items	Standard	Result
Appearance	Off-white to light pink powder	Light pink powder
Identification	A: IR B: HPLC C: Chloride	Complies Complies Complies
Assay	98.0-102.0%	99.56%
Water	3.7-5.0%	4.0%
Relative substances	Total impurities: 0.5% max Impurity A: 0.1% max Impurity B: 0.2% max Impurity C: 0.2% max Impurity D: 0.2% max After peak impurity: 0.1% max Before peak impurity: 0.1% max	0.29% 0.009% 0.048% N.D N.D 0.138% 0.049%
Residual solvents	Ethanol: 5000ppm max	1303ppm
Residual on ignition	0.2% max	0.02%
Heavy metals	20ppm max	20ppm max
Conclusion	Complies with USP standard.	

Hangzhou Dingyan Chem Co., Ltd.
Quality Control
QUALITY CONTROL:  CHECK: 姚仙娟 INSPECTOR: 刘清风