



Certificate of analysis

Product name: Fluconazole

Cas number: 86386-73-4

Molecular Formula: C₁₃H₁₂F₂N₆O

Molecular Weight: 306.27

Date of production: Sep. 22, 2013

Batch No: 20130922

Exp Date: Sep. 21, 2015

Chemical structure:



Items	Specifications	Results
Characteristics	white crystal powder	Conforms
Identification	NMR, HPLC similar to Standard	Conforms
Melting point	137-141° C	139-140.8° C
Chloride	≤0.3%	N.D
Related substance	≤0.1%	0.27%
Loss on drying	≤0.5%	0.19%
Fluorine content	11.1%~12.4%	11.8%
Heavy metal	≤0.002%	Conforms
Solubility	Clear	Conforms
Residue on ignition	≤0.1%	≤0.04%
Purity (HPLC)	≥99.0%	99.7%

Conclusion: It complies with the Enterprise Standard.