



Certificate of analysis

Productname: Anastrozole

Cas number: 120511-73-1

Molecular Formula: C₁₇H₁₉N₅

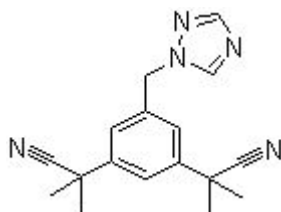
Molecular Weight: 293.37

Date of production: Aug. 02, 2014

Batch NO: 20140802

Exp Date: Aug. 01, 2016

Chemical structure:



Items	Specifications	Results
Appearance	White to off-white crystalline powder	Conforms
Identification	IR HPLC	Conforms
Solubility	Freely soluble in methanol, ethanol, ethylacetate and chloroform, slightly soluble in water and 0.1M hydrochloric acid solution	Conforms
Water	NMT 0.3%	0.1%
Residue on ignition	NMT 0.1%	Conforms
Heavy metals	≤10ppm	Conforms
Related substances		
Related Compound B	NMT 0.2%	0.07%
Related Compound C	NMT 0.2%	0.07%
Related Compound D	NMT 0.1%	0.06%
Related Compound E	NMT 0.1%	0.05%
Individual unspecified impurity	NMT 0.1%	0.06%
Total unspecified impurity	NMT 0.2%	0.1%
Total impurities	NMT 0.5%	0.5%
Residual solvents		
Dichloromethane	NMT 0.06%	ND
Chloroform	NMT 0.006%	ND
Ethanol	NMT 0.5%	0.07%
Cyclohexane	NMT 0.08%	0.03%
Ethylacetate	NMT 0.5%	0.1%
Assay (on dry basis)	98.0%~102.0%	99.5%

Conclusion: It complies with the USP35 Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F