



Certificate of analysis

Product name: Luliconazole

Cas number: 187164-19-8

Molecular Formula: $C_{14}H_9Cl_2N_3S_2$

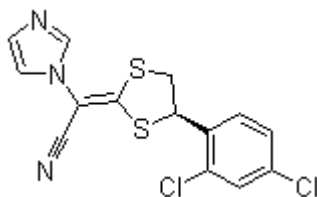
Molecular Weight: 354.28

Date of production: Jan. 28, 2017

Batch NO: 20170128

EXP DATE: Jan. 27, 2019

Chemical structure:



Items	Specifications	Test method
Appearance	off-white crystalline powder	Conform
Identification	HPLC,NMR	Conforms
Loss on drying	$\leq 0.5\%$	0.15%
Residue on ignition	$\leq 0.2\%$	0.08%
Heavy metals	$\leq 20\text{ppm}$	$< 10\text{ppm}$
Related substance	Single impurity: $\leq 0.5\%$ Total impurities: $\leq 1.5\%$	0.25% 0.41%
Assay (HPLC)	98.5-101.5%	99.59%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang