



# 武汉福鑫化工有限公司

## Wuhan Fortuna Chemical Co.,Ltd

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### Certificate of Analysis

Product: Clotrimazole

Batch No.: 20201215

Quantity: 1000 kgs

Mfg. Date: 15/12/2020

Packing: 25kg/Drum

Exp. Date: 14/12/2022

Specifications	Standard	Results
Description	White to pale yellow, crystalline powder. Melts at about 142, with decomposition. Practically insoluble in water; freely soluble in methanol, in acetone, in chloroform, and in alcohol.	White crystalline powder
Solubility	Practically insoluble in water; freely soluble in methanol, in acetone, in chloroform, and in alcohol.	Complies
Identification IR spectrum TLC Test	1. Infrared Absorption 2. TLC test 3. HPLC test	Positive
Related compound A	Not more than 0.2%	<0.2%
Melting point	141 °C to 145 °C	143 °C to 144 °C
Imidazole	Not more than 0.5%	<0.5%
Loss on drying	Not more than 0.5%	0.11%
Residue on ignition	Not more than 0.1%	0.02%
Heavy metals	Not more than 0.001%	Complies
Assay	Not less than 98.0% and not more than 102.0%	99.5%
Microorganism	TPC: 1000cfu/g max Y and M: 100cfu/g max E.Coli: absent Pathogen: absent	<10cfu/g <10cfu/g Complies Complies
Conclusion	Up to the USP39.	

QC: Luo Xiaofeng

Tester: AT02

Re-tester: AT03