

CERTIFICATE OF ANALYSIS

Name of Product: (+)-Griseofulvin	
Batch No.: 20180106	CAS:126-07-8
Quantity: 800kg	Manufacture date: 2018.01.06
Test date: 2018.01.06	Retest date: 2020.01.05

Test Items	Quality Standard	Test Result
Appearance	A white microfine powder	Conforms
Assay	97.0%~102.0%	99.5%
Particle size	95% no more than 5 μ m	Conforms
Melting point	It melts at about 220°C	219°C~220°C
Appearance of solution	The solution is clear; Not more intensely coloured than reference solution Y4	Conforms
Specific rotation	Calculated with reference to the dried substance +354° ~ +364°	+356°
Loss on drying	≤1.0%	0.03%
Sulphated ash	≤0.20%	0.17%
Abnormal toxicity	Five mice orals,none of the mice dies within 48h	Conforms
Acidity	Not more than 1.0ml of 0.02M sodium hydroxide is required	0.4ml
Solubility Test	Practically insoluble in water,freely soluble in dimethylformamide and in tetrachloroethane,slightly soluble in ethanol and methanol.	Conforms
Identify	IR,Color Test	Conforms
Dechologriseofulvin	≤0.60%	0.3%

Dehydrogriseofulvin	$\leq 0.15\%$	0.1%
Substances soluble in light petroleum	$\leq 0.20\%$	0.08%
Storage conditions	Cool and dry, no more than 26°C	

Conclusion: This product conforms to the Enterprise Standard.

Analyst: 王莹

Checker: 朱明

Supervisor: 王萍