

CERTIFICATE OF ANALYSIS

Product Name:	Nitrofurantoin	Batch No.	JL20220813
Cas	67-20-9	MF Date	Aug. 13, 2022
Packing	25KGS/DRUM	Analysis Date	Aug.13, 2022
Quantity	600kgs	Expiry Date	Aug. 12, 2025
ITEM 分析项目	STANDARD 技术指标		RESULT 实测结果
Appearance	Yellow crystalline powder		Conform
Identification	A. Carry out the test protected from bright light. Use the solution prepared for the assay. Examined between 220nm and 400nm(2.2.25),the solution shows two absorption maxima, at 266nm and 367nm.The ratio of the absorbance at the maximum at 367nm to that at the maximum at 266nm is 1.36 to 1.42.		Conform
	B. Dissolve about 10mg in 10ml of dimethylformamide R. To 1ml of the solution add 0.1ml of 0.5M alcoholic potassium hydroxide. A brown colour develops.		
Related substances	Not more than 1.0%		Conform
Loss on drying	Not more than 1.0%		0.29%
Sulphated ash	Not more than 0.1%		0.07%
Assay	98.0~102.0%		99.38%
Conclusion	Qualified		

Analyst: Wen Qian**Quality Assurance Officer: Zhan Peng**