

SHANDONG FANGXING TECHNOLOGY DEVELOPMENT CO.,LTD.
Changshan Town, Zouping County, Binzhou 256207,Shandong, China

Certificate of Analysis

Nitrofurantoin BP2019

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|--------------|-----------------|------------------|---------------------|
| BATCH NUMBER | <u>20200109</u> | TEST DATE | <u>Jan. 13,2020</u> |
| BATCH SIZE | <u>506.7kgs</u> | MANUFACTURE DATE | <u>Jan. 12,2020</u> |
| QUANTITY | <u>275kgs</u> | EXPIRATION DATE | <u>Jan. 11,2023</u> |

| <u>TEST</u> | <u>SPECIFICATION</u> | <u>RESULT</u> |
|---------------------|---|------------------------------------|
| Appearance: | A yellow crystalline powder | <u>Conforms</u> |
| 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. 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. | <u>Conforms</u> <u>Conforms</u> |
| Related substances: | Not more than 1.0% | <u>Conforms</u> |
| Loss on drying: | Not more than 1.0% | <u>0.39%</u> |
| Sulphated ash: | Not more than 0.1% | <u>0.06%</u> |
| Assay: | 98.0~102.0% | <u>99.49%</u> |

Manufactured By: SHANDONG FANGXING TECHNOLOGY DEVELOPMENT CO.,LTD.

Analyst: 刘秀明

Checker: 李 岚

Supervisor: 曹茂凯

FINAL BATCH DISPOSITION

Approved

By: _____

