



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Road, Hefei 230022 China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Certificate of Analysis

| | | | |
|---------|--|---------------|----------------|
| Product | Florfenicol | Batch Number | TNJ20160424022 |
| CAS No. | 73231-34-2 | Packing | 25kg per drum |
| M.F. | C ₁₂ H ₁₄ Cl ₂ FNO ₄ S | MFG Date | April.24, 2016 |
| M.W. | 358.21 | Analysis Date | April.24, 2016 |
| N.W. | 1000.00kg | Expiry Date | April.23 ,2018 |
| G.W. | 1120.00kg | | |

| Item | Specification | Results |
|---------------------------|---|----------|
| Appearance | White to yellowish white,crystalline powder | Conforms |
| Identification | Complies | Complies |
| Melting point | 152°C~156°C | 153°C |
| Specific optical rotation | -16°~-19° | -17.4° |
| PH | 4.5~6.5 | 6.3 |
| Chloride | ≤ 0.02% | <0.02% |
| Fluorine assay | ≥ 4.8% | 4.9% |
| Total impurities | ≤ 2% | 0.85% |
| Individual impurities | ≤ 0.5% | 0.35% |
| Water | ≤ 0.5% | 0.2% |
| Sulphated | ≤ 0.1% | 0.03% |
| Heavy metals | ≤ 20ppm | <20ppm |
| Assay | ≥ 98% | 98.4% |

Checker Xu Dong

Re-checker Lu Xiaoping

Approval Liu Wu

Conclusion The Quality of the above said is in conformity with CVP2010.

COA Issuer Quality Control Team-Technology Department
of Hefei TNJ Chemical Industry Co.,Ltd.



刘武