

HANGZHOU THINK CHEMICAL CO., LTD.

ADD: ROOM 0103/7F RUIQI MANSION,425#MOGANSHAN ROAD ,HANGZHOU,310011 CHINA

CERTIFICATE OF ANALYSIS

| | | | |
|----------------------|---|---|----------------|
| Product Name | Toltrazuril | | |
| Batch no. | 20160918 | Batch Size | 200kg |
| Manufacture Date | Aug.18,2016 | Expiry Date | Aug.17,2019 |
| TESTS | | | |
| TESTS | | SPECIFICATION | RESULTS |
| Description | White or off-white crystalline powder | | Complies |
| Identification | IR spectrum | | Complies |
| | HPLC retention time should conform | | Complies |
| Clarity | Clear | | Complies |
| Degree of coloration | The solution is not more intensely than reference solution B7 | | Complies |
| Melting Point | 192-196°C | 杭州思诺科化工贸易有限公司 HANGZHOU THINK CHEMICAL CO., LTD. 夏沛国 | 194.0-195.0°C |
| Single max impurity | ≤0.20% | | 0.12% |
| Total impurities | ≤1.0% | | 0.23% |
| Loss on drying | ≤0.50% | | 0.12% |
| Sulphated ash | ≤10ppm | | 0.04% |
| Heavy metal | ≤10ppm | | Complies |
| Purity (HPLC) | ≥98.0% | | 99.65% |
| Conclusion | The result conform with in-house standard. | | |

Prepared by: 王瑾园

Reviewed by: 袁心

Approved by: 夏沛国