



Unilong Industry Co., Ltd

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CERTIFICATE OF ANALYSIS

| | | | |
|-----------------------------|---------------------------------------|----------------------|-------------|
| Product Name: | Tributylin | Batch No. | JL20230412 |
| Cas | 60-01-5 | MF Date | Apr.12,2023 |
| Packing | 200KG/Barrel | Analysis Date | Apr.12,2023 |
| Quantity | 2MT | Expiry Date | Apr.11,2025 |
| Item | Standard | Result | |
| appearance | Colorless to light yellow oily liquid | Conforms | |
| Tributylin(%) | $\geq 98 \pm 1$ | 97.18 | |
| Total ester(%) | ≥ 99 | 99.1 | |
| Free butyric acid(%) | ≤ 0.4 | 0.28 | |
| moisture content | ≤ 0.1 | 0.08 | |
| Arsenic | $\leq 1\text{mg/kg}$ | not detected | |
| Pb | $\leq 1\text{mg/kg}$ | not detected | |
| Conclusion | Qualified | | |

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng