



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