



## ZIBO KUNRAN ENTERPRISES CO LTD.

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# Certificate of Analysis

<b>Product Name</b>	2-THIOPHENE ETHANOL	<b>CAS No.</b>	<b>5402-55-1</b>
<b>Lot No.</b>	KRP20170520	<b>Lot Quantity</b>	1200KG
<b>Manufacture date</b>	20 <sup>th</sup> May.2017	<b>Retest Date</b>	19 <sup>th</sup> May.2019

<b>Item</b>	<b>Standard</b>	<b>Result</b>
<b>Appearance</b>	Colorless to light yellow clear liquid	conforms
<b>Purity</b>	$\geq 99.0\%$	99.46%
<b>Moisture</b>	$\leq 0.50\%$	0.08%
<b>Impurity(GC)</b>	3-Thiophene ethanol $\leq 0.30\%$	0.09%
	Unknown individual impurity $\leq 0.20\%$	0.06%
<b>Conclusion</b>	Qualified	

Analyzed by: Wang Yanping    Checked by: WangZhe    Approved by: GuoMing