

# ZIBO QI FENG CHUAN RUN CHEMICAL CO. LTD.

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	1,1,3,3-Tetramethyl guanidine (TMG) (CAS: 80-70-6)	
<b>Test Method</b>	Q/QCR003-2005	
<b>Batch No.</b>	201403087	
<b>Detection Results</b>		
<b>Items</b>	<b>Specifications</b>	<b>Results</b>
<b>Appearance</b>	Colorless clear liquid	Colorless clear liquid
<b>Purity(%) / GC</b>	≥99	99.62
<b>Water Content(%)</b>	≤0.20	0.04
<b>Molecular formula</b>	C <sub>5</sub> H <sub>13</sub> N <sub>3</sub>	
<b>Molecular weight</b>	115.18	
<b>Conclusion</b>	<b>Qualified</b>	
<b>Test Date</b>	17 <sup>th</sup> Mar. 2014	

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