



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

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CERTIFICATE OF ANALYSIS

Name of product : 2,3- Pyrazine Dicarboxylic acid

Manufacturing date: 2014.10.10

Batch QTY: 450 kgs

Batch No.: 20141005

Test Date: 2014.10.11

EXP Date: 2016.10.09

Items	Standard of Specification	Result:
Appearance	white crystalline powder	Conform
Water	≤0.5%	0.20%
Residue on Ignition	≤0.2%	0.10%
Purity(HPLC)	≥98.0%	99.18%
Assay (Trit)	≥98.0%	99.52%
Melting point	182 °C ~ 185 °C	184.6 °C
Pyrazine-2-Carboxylic Acid	≤1.0%	0.73%
Other Impurity	≤0.5%	0.09%
Conclusion	This product is conformed to Enterprise requirement.	

Director: Luo Xiaofeng

Tester: AT02

Re-tester: AT03