



**HAIHANG INDUSTRY CO., LTD.**  
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## CERTIFICATE OF ANALYSIS

Product Name:	Piperazine Anhydrous		
CAS No.:	110-85-0	Quantity	100kg
Rep Date	May.04.2014	Batch NO.	20140504
MFG. Date	May.04.2014	Expiry Date	May.03.2016

Item	Specifications
Character	white crystal
Moisture	$\leq 0.30\%$
Chroma	$\leq 30$ Hazen
Purity	$\geq 99.5\%$
Conclusion	The results conforms with enterprise standards.

Analyst: Liya

Checker: Weichen

Q.C. Director: Xuleilei

For and on behalf of  
HAIHANG INDUSTRY CO., LTD.

Authorized Signature(s)