



HANGZHOU DINGYAN CHEM CO., LTD

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CERTIFICATE OF ANALYSIS

NO: DYC091801024

Product Name	1-Methylpiperazine
CAS Number	109-01-3
Molecular Formula	C ₅ H ₁₂ N ₂
Batch Quantity	5 MT
Batch Number	170803
Mfg. Date	2017-08-03
Test Date	2017-08-02

Item	Standard	Result
Appearance	Colorless to yellowish liquid	Conform
Piperazing	≤0.10%	0.03%
Dimethylpiperazine	≤0.10%	0.005%
Water	≤0.30%	0.11%
Assay (by GC)	≥99.0%	99.9%
Conclusion	This product conforms to In-house standard.	

Hangzhou Dingyan Chem Co., Ltd.

QUALITY CONTROL: Lucy Tang

CHECK: 姚仙娟

INSPECTOR: 刘清风