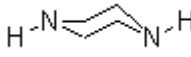




HANGZHOU DINGYAN CHEM CO., LTD
Tel:86-571-87157530 Fax:86-571-87156470
Email:sales@dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC091505264

Product name	Piperazine hexahydrate
CAS Number	142-63-2
Molecule Structure	
Molecule Formula	C4H22N2O6
Batch number	20120726
Manufacture Date	2012-07-26
Testing date	2012-07-26

Items	Standard	Result
Appearance	White crystal	White crystal
Assay, GC	98%min	99.0%
Melting point	43-45 °C	Comply

Hangzhou Dingyan Chem Co., Ltd.
Quality Control
QUALITY CONTROL:  CHECK: 姚仙娟 INSPECTOR: 刘清风