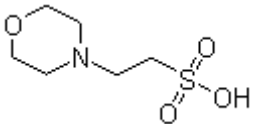




HANGZHOU DINGYAN CHEM CO., LTD
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Email:sales@dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC031412022

Product name	2-(4-Morpholino)ethanesulfonic acid
CAS Number	4432-31-9
Molecule Structure	
Molecule Formula	C ₆ H ₁₃ NO ₄ S
Batch number	20140616
Manufacture Date	2014-06-16
Testing date	2014-06-16

Items	Standard	Result
Appearance	White crystalline powder	Conforms
Assay	99.0% min	99.65%
Solubility (0.1 M aqueous)	Clear , colorless solution	Conform
Water Content	1.0% max	0.36%
PH(1% aqueous)	3.5-4.1	3.84
Ultraviolet absorbance	260nm :0.04 max 280nm :0.02 max	0.023 0.016
Iron	5ppm max	Conform
Lead	5ppm max	Conform
Conclusion	Up to standard for export	

QUALITY CONTROL
Hangzhou Dingyan Chem Co., Ltd.
Quality Control cherry
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风