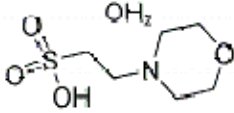


CERTIFICATE OF ANALYSIS

NO: DYC081503235

Product name	MES.H2O
CAS Number	145224-94-8
Molecule Structure	
Molecule Formula	C6H13NO4S·H2O
Batch number	20141203
Manufacture Date	2014-12-03
Testing date	2014-12-03

Items	Standard	Result
Appearance	White crystalline powder	Conforms
Assay(Ti, on dry base)	≥99%	100.1%
PKa at 20℃	6.05-6.25	6.12
Solubility (10% Soln in H2O)	clear	ok
PH(1.0% in water, 25 ℃)	2.5-4.0	3.5
Heavy metals (Pb)	≤10PPM	1PPM
Sulfate	≤100PPM	30PPM
Fe content	≤10PPM	0.05PPM
Chloride	≤100PPM	20PPM
Loss on drying (110 ℃,3 hours)	≤7-10%	8.7%
Absorbance (250nm,10%)	≤0.05Abs unit	0.006

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