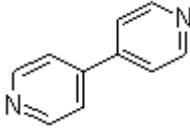




HANGZHOU DINGYAN CHEM CO., LTD
Tel:86-571-87157530 Fax:86-571-87156470
Email:sales@dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC071509181

Product name	4,4'-Bipyridine
CAS Number	553-26-4
Molecule Structure	
Molecule Formula	C10H8N2
Batch number	20150814
Manufacture Date	2015-08-14
Testing date	2015-08-14

Items	Standard	Result
Appearance	Off-white powder	Conforms
Assay	99% min	99.82%
Water	0.8% max	0.49%
Melting point	109—113°C (3°C)	111.0—111.4°C
Burning residue	≤0.8%	0.17%

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

CHECK: 姚仙娟

INSPECTOR: 刘清风