




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

CERTIFICATE OF ANALYSIS

NO: DYC081412164

Product name	Guanidine Thiocyanate
CAS Number	593-84-0
Molecule Structure	
Molecule Formula	CH5N3. CHNS
Batch number	20141102
Manufacture Date	2014-11-02
Testing date	2014-11-02

Items	Standard	Result
Appearance	White to slightly off-white crystalline powder	Confirm
Assay (ion chromatography)	>99.5%	99.69%
Melting point	118-121°C	118.5-120.0 °C
Water Content (K Fischer)	<0.3%	0.26%
Chloride	1.0% max	0.15%
Solution (20% in water)	Clear and transparent	Confirm
pH value	6±1°C (11.8% IN WATER)	6.29
UV-ABSORBANCE A (280nm)	<0.2 (35% IN WATER)	0.186
UV-ABSORBANCE A (300nm)	<0.05 (35% IN WATER)	0.031
Sulfated Ash	0.1% max	0.05%
Ammonium content	0.1% max	None
Fe	<1ppm	Confirm
Ca	<5ppm	Confirm
Zn	<5ppm	Confirm

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