

3. 1 Certificate of Analysis-COA

Guanidine hydrochloride

Product:	Guanidine hydrochloride	Batch No:	SC2020731
Date of Manufacture:	2020.07.31	Quantity:	1,000kg
Items	Requirements		Results
Appearance	White crystal powder		Complies
Content	$\geq 99.5\%$		99.8%
Ammonium	$\leq 0.05\%$		None
Insoluble in Water	$\leq 0.02\%$		None
Moisture Content	$\leq 0.3\%$		0.25%
Ash Content	$\leq 0.02\%$		None
Melting Point	183-188 °C		183.4-186.8 °C
Solubility in Water	Clear and colorless		Complies
Ultraviolet Absorb $260\text{nm}\leq$	$\leq 0.04\%$		0.016%
Ultraviolet Absorb $280\text{nm}\leq$	$\leq 0.02\%$		0.005%
PH	6.2~6.6		6.52
Dicyandiamide	$\leq 0.1\%$		< 0.1%
Melamine	$\leq 0.01\%$		< 0.1%
Iron	$\leq 0.1\text{ppm}$		< 0.1ppm
Conclusion:	Conforms to the requirement.		

Analyst: Liuli

Checker: Gaoxia

Q.C Director: Chengyan

SINCERE-CHEM
Tax ID: 91370112MA3QTLNP2E