

# SPECIFICATION

## Guanidine Thiocyanate for Molecular Biology

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Melting point	118~121°C
Absorbance (6mol/L, 280nm)	max.1.0
Absorbance (6mol/L, 300nm)	max.0.20
Absorbance (6mol/L, 340nm)	max.0.10
pH of a 50g/L solution at 25°C	4.0~7.0
Chloride (Cl)	max.0.3%
Sulfate (SO <sub>4</sub> )	max.0.005%
Fluorescence test	to pass test
Deoxyribonuclease	to pass test
Ribonuclease	to pass test
Assay	min.99.0%