

Code No.07-0488

SPECIFICATION

Guanidine Thiocyanate

for Genetic Research

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 ₄)	max.0.005%
Copper (Cu)	max.0.2ppm
Lead (Pb)	max.0.5ppm
Arsenic (As)	max.0.5ppm
Iron (Fe)	max.1ppm
Fluorescence test	to pass test
Assay	min.99.0%