

Code No.07-0490

# SPECIFICATION

## Guanidine Hydrochloride

for Cellbiology

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Absorbance (6mol/l, 230nm)	max.0.10
Absorbance (6mol/l, 260nm)	max.0.03
Residue after ignition (as sulfate)	max.0.05%
pH of a 50g/l solution at 25°C	4.0~7.0
Nitrate	to pass test(NO3:max.about 0.005%)
Sulfate (SO4)	max.0.005%
Copper (Cu)	max.0.2ppm
Lead (Pb)	max.0.5ppm
Arsenic (As)	max.0.5ppm
Iron (Fe)	max.2ppm
Fluorescence test	to pass test
Assay	min.99.0%