

## SPECIFICATION

2-Amino-2-hydroxymethyl-1,3-propanediol 999  
for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Melting point	168~172°C
Absorbance (400g/l, 260nm)	max.0.05
Absorbance (400g/l, 290nm)	max.0.05
Loss on drying at 105°C	max.0.1%
pH of a 0.1mol/l solution at 25°C	10.0~10.8
Chloride (Cl)	max.5ppm
Sulfate (SO <sub>4</sub> )	max.0.002%
Copper (Cu)	max.0.2ppm
Magnesium (Mg)	max.1ppm
Calcium (Ca)	max.4ppm
Zinc (Zn)	max.0.5ppm
Cadmium (Cd)	max.0.1ppm
Mercury (Hg)	max.0.01ppm
Lead (Pb)	max.0.5ppm
Arsenic (As)	max.0.5ppm
Iron (Fe)	max.1ppm
Suitability for use in buffer solution	to pass test
Assay	min.99.9%