2024/06/13
Distributed by FUJIFILM Wako Pure Chemical Corporation
Manufactured by FUJIFILM Wako Pure Chemical Corporation

Code No.01-1831

SPECIFICATION

2-Amino-2-hydroxymethyl-1,3-propanediol 999 Ultra

for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ～ crystalline powder
Solubility in water	to pass test
Melting point	169～173℃
Absorbance (400g/l, 260nm)	max.0.025
Absorbance (400g/l, 290nm)	max.0.02
Loss on drying at 105℃	max.0.1%
pH of a 0.1mol/l solution at 25℃	10.0～10.8
Chloride (Cl)	max.5ppm
Sulfate (SO4)	max.0.002%
Lithium (Li)	max.1ppm
Sodium (Na)	max.5ppm
Potassium (K)	max.5ppm
Copper (Cu)	max.0.2ppm
Magnesium (Mg)	max.0.1ppm
Calcium (Ca)	max.4ppm
Strontium (Sr)	max.1ppm
Barium (Ba)	max.1ppm
Zinc (Zn)	max.0.5ppm
Cadmium (Cd)	max.0.1ppm
Mercury (Hg)	max.0.01ppm
Aluminium (Al)	max.2ppm
Lead (Pb)	max.0.5ppm
Arsenic (As)	max.0.5ppm
Bismuth (Bi)	max.1ppm
Chromium (Cr)	max.1ppm
Molybdenum (Mo)	max.1ppm
Manganese (Mn)	max.1ppm
Iron (Fe)	max.1ppm
Cobalt (Co)	max.1ppm

Nickel (Ni)	max.1ppm
Bacterial endotoxins	under investigation
Suitability for use in buffer solution	to pass test
Assay	min.99.9%