

SPECIFICATION

CultureSureR Manganese(II) Chloride Tetrahydrate, Animal-derived-free
for Cell Culture

REQUIREMENT	SPECIFICATION
Appearance	Pale red, crystals ~ crystalline powder
Solubility in water	to pass test
pH of a 50g/l solution at 25°C	4.0~6.5
Sulfate (SO ₄)	max.0.005%
Sodium (Na)	max.0.005%
Potassium (K)	max.0.002%
Copper (Cu)	max.5ppm
Magnesium (Mg)	max.0.005%
Calcium (Ca)	max.0.005%
Zinc (Zn)	max.0.001%
Lead (Pb)	max.0.001%
Iron (Fe)	max.0.001%
Nickel (Ni)	max.0.002%
Assay	min.99.0%
Bacterial endotoxins	less than 50.0EU/g
Mycoplasma test	to pass test
Viable count test	max.50CFU/g