

SPECIFICATION

CultureSureR Calcium Chloride, Animal-derived-free
for Cell Culture

REQUIREMENT	SPECIFICATION
Appearance	White, powder or mass
Assay (CaCl ₂)	min.95.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	8.0~10.0
Sulfate (SO ₄)	max.0.005%(mass/mass)
Nitrate (NO ₃)	max.0.003%(mass/mass)
Phosphate (PO ₄)	max.0.001%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.0.01%(mass/mass)
Strontium (Sr)	max.0.01%(mass/mass)
Barium (Ba)	max.0.006%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.2ppm(mass/mass)
Ammonium (NH ₄)	max.0.001%(mass/mass)
Bacterial endotoxins	less than 100.0EU/g
Mycoplasma test	to pass test
Viable count test	max.100CFU/g