

## SPECIFICATION

### CultureSureR Magnesium Sulfate, Animal-derived-free for Cell Culture

REQUIREMENT	SPECIFICATION
Appearance	White ~ nearly white, powder
Solubility in water	to pass test
Solubility in dil.sulfuric acid	to pass test
Alkalinity (as NaOH)	max.0.1%
Water-insoluble matter	max.1.0%
Hydrochloric acid-insoluble matter	max.0.1%
Iron oxide and aluminium oxide	max.0.1%
Chloride (Cl)	max.0.02%
Heavy metals (as Pb)	max.0.001%
Arsenic (as As <sub>2</sub> O <sub>3</sub> )	max.4ppm
Loss on ignition	max.3.0%
Assay	min.95.0%
Bacterial endotoxins	less than 50.0EU/g
Mycoplasma test	to pass test
Viable count test	max.50CFU/g