

## SPECIFICATION

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

| REQUIREMENT                         | SPECIFICATION                              |
|-------------------------------------|--|
| Appearance                          | White ~ nearly white, crystalline powder ~ |
| Solubility in dil.hydrochloric acid | powder or mass<br>to pass test             |
| Basic salt (as ZnO)                 | max.1.2%                                   |
| Sulfate (SO <sub>4</sub> )          | max.0.002%                                 |
| Nitrogen compounds (as N)           | max.0.002%                                 |
| Sodium (Na)                         | max.0.005%                                 |
| Potassium (K)                       | max.0.01%                                  |
| Copper (Cu)                         | max.0.001%                                 |
| Calcium (Ca)                        | max.0.001%                                 |
| Cadmium (Cd)                        | max.5ppm                                   |
| Lead (Pb)                           | max.0.001%                                 |
| Manganese (Mn)                      | max.0.001%                                 |
| Iron (Fe)                           | max.5ppm                                   |
| Assay                               | min.98.0%                                  |
| Bacterial endotoxins                | less than 50.0EU/g                         |
| Mycoplasma test                     | to pass test                               |
| Viable count test                   | max.50CFU/g                                |