

SPECIFICATION

CultureSureR Thiamin Hydrochloride, Animal-derived-free
for Cell Culture

| REQUIREMENT | SPECIFICATION |
|--|--------------------------------------|
| Description | White crystals or crystalline powder |
| Identification (1) | to pass test |
| Identification (2) | to pass test |
| Identification (3) | to pass test |
| Identification (4) | to pass test |
| pH | 2.7~3.4 |
| Purity | - |
| (1) Clarity and color of solution | to pass test |
| (2) Sulfate | max.0.011% |
| (3) Nitrate | to pass test |
| (4) Heavy metals | max.20ppm |
| (5) Related substances | to pass test |
| Water | max.5.0% |
| Residue on ignition | max.0.2% |
| Assay (HPLC) (calculated on the dehydrous basis) | min.98.5% |
| Bacterial endotoxins | less than 200EU/g |
| Mycoplasma test | to pass test |
| Viable count test | max.50CFU/g |