

SPECIFICATION

CultureSureR Monosodium L-Glutamate Monohydrate
for Cell Culture

| REQUIREMENT | SPECIFICATION |
|---------------------------------------|---|
| Description | Colorless ~ white, prisms or crystalline powder |
| Identification | to pass test |
| Specific rotation [α]D20 | +24.8~+25.3° |
| pH | 6.7~7.2 |
| Purity | - |
| (1) Clarity and color of solution | to pass test |
| (2) Chloride | not more than 0.041% as Cl |
| (3) Lead | not more than 1 μ g/g as Pb |
| (4) Arsenic | not more than 1.9 μ g/g as As |
| Loss on drying | not more than 0.5% |
| Assay (calculated on the dried basis) | not less than 99.0% |
| Bacterial endotoxins | less than 25.0EU/g |
| Mycoplasma test | to pass test |
| Viable count test | under investigation |