

Code No.03-2358

SPECIFICATION

CultureSureR L-Tryptophan, Animal-derived-free
for Cell Culture

| REQUIREMENT | SPECIFICATION |
|---|---|
| Description | White to yellowish white crystals or crystalline powder |
| Identification | to pass test |
| Optical rotation [α]D20 (after drying) | -30.0~-33.0° |
| pH | 5.4~6.4 |
| Purity | - |
| (1) Clarity of solution | to pass test |
| (2) Chloride | max.0.021% |
| (3) Sulfate | max.0.028% |
| (4) Ammonium | max.0.02% |
| (5) Heavy metals | max.20ppm |
| (6) Arsenic | max.2ppm |
| (7) Related substances | to pass test |
| Loss on drying | max.0.30% |
| Residue on ignition | max.0.1% |
| Assay (after drying) | min.98.5% |
| Bacterial endotoxins | less than 50.0EU/g |
| Mycoplasma test | to pass test |
| Viable count test | max.50CFU/g |