

SPECIFICATION

CultureSureR DMSO
for Cell Culture

| REQUIREMENT | SPECIFICATION |
|-------------------------------------|------------------------|
| Appearance | Colorless clear liquid |
| Sp. Gr.(25/25°C) | 1.095~1.101 |
| Freezing point | 18~20°C |
| Refractive index 20°C | 1.477~1.480 |
| Ultraviolet absorption | - |
| Absorption curve | to pass test |
| Absorbance (275nm) | max.0.20 |
| Ratio of absorbance (E285nm/E275nm) | max.0.65 |
| Ratio of absorbance (E295nm/E275nm) | max.0.45 |
| Water | max.0.2% |
| Residue after evaporation | max.0.01% |
| Acidity | to pass test |
| Related substances | max.0.1% |
| Bacterial endotoxins | less than 0.25EU/mL |
| Sterility test | to pass test |
| Assay | min.99.9% |