

Certificate of Analysis

Cryopreservation Media

Catalog No. CRYO-10001-50

Lot Number: T160316I301

Preparation Date: 2016-03-16

Size: 50 ml

Kit Components

Containing 50 ml of Cryopreservation Medium (Cat. No. CRYO-10001), pH 7.2~7.4. Store at -20°C.

Sterility

Bacterial and Fungal Contamination: Samples are inoculated and cultured in blood agar plate, thioglycolate broth, tryptocase soy broth and sabouraud dextrose agar.

Specification: No growth must be observed.

Mycoplasma: Samples are tested for mycoplasma contamination using a PCR-based assay and direct culture.

Specification: Results must be negative.

Endotoxin: Samples are tested for endotoxin contamination with LAL test.

Specification: Results must show a concentration of ≤ 25 EU/ml.**Cell Recovery Rates Testing**Each batch of cryopreservation medium is performance tested on sprague-dawley rat mesenchymal stem cells. The cells are assayed for viability and recovery after thawing. The results of these tests must indicate $\geq 90\%$ of cells are viable.**Results:**

All specifications have been met.



Jane Chen

QA Manager

Apr 10, 2016