

Certificate of Analysis

Mesenchymal Stem Cells Osteogenic Differentiation Medium

Catalog No. GUXMX-90021

Lot Number: 120802c01

Preparation Date: 2012-8-2

Size: 50ml

Sterility

Bacterial and Fungal Contamination: Samples are inoculated and cultured on 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 direct culture.

Specification: Results must be negative.

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

Specification: Results must show a concentration of $\leq 25\text{EU/ml}$.

Differentiation Ability

Mesenchymal Stem cells are assayed after cryopreservation for their ability to differentiate into osteocytes using Mesenchymal Stem Cells Osteogenic Differentiation Medium, about 50% cells are stained with Alizarin Red.

Results:

All specifications have been met.



Jane Chen

QA Manager

Aug 22, 2012