

Certificate of Analysis

Animal Protein Free Dissociation Reagent

Catalog No. APFD-10001-100

Lot Number: T150310G001

Preparation Date: 2015-03-10

Size: 200 ml

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 $\leq 25\text{EU/ml}$.

pH: 7.0~7.2, at 25°C.

In-vitro bioassayed

An in-vitro bioassayed is performed tested on human mesenchymal stem cell. When cells are removed from the substratum with the dissociation reagent, cell removal times are less than two minutes, and they can maintain the normal morphology.

Results:

All specifications have been met.



Jane Chen

QA Manager

Mar 26, 2015