Catalog Number: 3917

Product Description: Costar® 96-well, tissue culture treated, white opaque plate, with low evaporation lid

Component Materials:
- **Plate**: Virgin Polystyrene, meets USP, Class VI requirements for plastic containers and closures. White concentrate.
- **Lid**: Virgin Polystyrene, meets USP, Class VI requirements for plastic containers and closures.

Product Dimensions:
- **Length of Plate**: 5.030 in.
- **Width of Plate**: 3.365 in.
- **Depth of Well**: 0.420 in.
- **Volume per Well**: 0.36 mL
- **Diameter of Well @ top**: 0.270 in.
- **Diameter of Well @ bottom**: 0.250 in.
- **Height with Lid**: 0.650 in.
- **Tolerances of Dimensions**: +/- .010 in.

Sterilization:
This lot has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control-Radiation sterilization.*

Sterility Assurance Level: SAL 10^{-3}

Surface Characterization:
Surface is characterized to be hydrophilic and negatively charged, composed of 9-17% oxygen atoms. This surface composition has been optimized for cell attachment and growth.

Cell Attachment and Growth Characteristics:
The product has been tested for the attribute of cell attachment and growth utilizing an attachment-dependent mammalian cell line in a serum supplemented media.

Optical Characteristics:
The product is made of opaque white polystyrene walls to minimize well to well crosstalk and background fluorescence and/or luminescence.

Performance Testing:
Each manufacturing lot is sampled and tested in accordance with Standard Operating Procedures.
- **Visual Attributes**: Visual examination of the product.
- **Packaging**: Inspection for seal and barrier integrity, accurate labeling, and correct product configuration.
- **Opacity**: Visual, using a fluorescent compound.
- **Cell Culture Treatment**: Wettability test using water to insure the presence of a hydrophilic surface.

Lot Number Designation:
8 Digit Lot Number: First 3 digits - Julian Date, start of manufacturing; Next 2 digits - Year of manufacture; Last 3 digits - Batch identification.

Rev No: 10