

Catalog Number: 3985

Product Description: Corning® 384-well, tissue culture treated, black plate with thick, clear flat bottom, with lid

Component Materials:

- Plate walls - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. Black concentrate
- Plate bottom - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Lid - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.

Product Dimensions:

- | | | | | | |
|-------------------------------------|---|------------------------|---------------------------------|---|--------------|
| Length of Plate | - | 5.030 in. | Width of Square Well @ Top | - | .143 in. |
| Width of Plate | - | 3.365 in. | Width of Square Well @ Bottom | - | .105 in. |
| Depth of Well | - | .450 in. | Height with Lid | - | .637 in. |
| Working Volume per well | - | 20 µL to 75 µL | | | |
| Tolerances of Dimensions for Length | - | +.015 in.
-.005 in. | Tolerances for other 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

Pyrogens:

The product has been tested and has met the criteria established in the current version of ANSI/AAMI ST 72:2002/(R)2010 *Bacterial Endotoxins - Test methodologies, routine monitoring, and alternative to batch testing*.
Results: ≤ 0.1 EU/mL (≤ 4EU/device)

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 black polystyrene walls to minimize well to well crosstalk and background fluorescence and /or luminescence. The bottom is made of clear polystyrene to permit direct microscopic viewing.

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. |
| 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.