

## Product Description

**Catalog Number:** 3882

**Product Description:** Corning® 96-well, tissue culture treated, half area black plate with 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.    | Diameter of Well @ top    | - | .197 in. |
| Width of Plate           | - | 3.365 in.    | Diameter of Well @ bottom | - | .177 in. |
| Depth of Well            | - | .452 in.     | Height with Lid           | - | .650 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Volume per Well           | - | 200µl    |

**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<sup>-3</sup>

**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 and microscopic 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.