

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 3842

Product Description: Corning® 96-well, Poly-D-Lysine Coated, black plate with clear flat bottom, with lid

Component Materials:

- Plate walls - Medium Impact 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.
- Poly-D-Lysine - Synthetic or manufactured materials

Product Dimensions:

- | | | | | | |
|--------------------------|---|--------------|---------------------------|---|----------|
| Length of Plate | - | 5.030 in. | Diameter of Well @ top | - | .270 in. |
| Width of Plate | - | 3.365 in. | Diameter of Well @ bottom | - | .250 in. |
| Depth of Well | - | .420 in. | Height with Lid | - | .650 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Volume per Well | - | .36 mL |

Bioburden:

This product has been tested for Bioburden contamination. Results: Less than .52% of the wells contaminated.

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 alternatives to batch testing.* Results: ≤ 0.5 EU/mL (≤ 20EU/device)

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 free 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.

Poly-D-Lysine:

The plates are coated with a 70-150 KD PDL polymer via a proprietary method, which creates a uniform net positive charge on the plastic surface. Manufactured wholly from synthetic or manufactured materials and does not contain any raw materials produced from or substances derived of animal origin.

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 Growth: Visual for cell attachment.

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.