

## Corning Incorporated Life Sciences

Registered  
ISO 9001:2008

# Product Description

**Catalog Number:** 3843

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

### Component Materials:

- |               |   |  |
|---------------|---|--|
| Plate walls   | - | Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. White concentrate |
| Plate bottom  | - | Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.                   |
| Lid           | - | Virgin Polystyrene, meets <i>USP, Class VI</i> 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:  $\leq 0.5$  EU/mL ( $\leq 20$  EU/device)

### 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.

### 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 white 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 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.

Rev No: 4