

**Corning Incorporated  
Life Sciences**

Registered  
ISO 9001:2008

**Product Description**

**Catalog Number:** 3679

**Product Description:** Corning® 96-well Half Area UV-Plate, without lid

**Component Materials:**

- Plate walls - Virgin Acrylic, meets *USP, Class VI* requirements for plastic containers and closures.
- Plate bottom - Flexible Fluorinated-chlorinated Thermoplastic, 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                    | - | .560 in. |
| Tolerances of Dimensions         | - | +/- .010 in. | Volume                    | - | 200 µL   |
| Well volume at 1.0cm path length | - | 175 µL       |                           |   |          |

**Optical Characteristics:**

The bottom is made of UV-transparent material, and is molded to the acrylic top for greater strength and maximum leak resistance. The mean background O.D. @ 260 nm and 280 nm is  $\leq 0.1$ .

**RNase/DNase Testing:**

This product has been tested and is free of any detectable RNase/DNase contamination.

**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 accurate labeling, and correct product configuration.

Integrity:

Fluid leakage and crosstalk for 24 hours using a colored solution. UV

Absorbance Optical density at 260 nm and 280 nm.

UV Absorbance:

Optical density at 260 nm and 280nm.

**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: 2