

**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 ≤ 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.

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|--------------------|--|
| 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