

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 3504

Product Description: Corning® 96-well, non-treated, white filter plate with 0.2µm PVDF membrane, without lid

Component Materials:

- | | | |
|--------------|---|---|
| Plate walls | - | Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. White concentrate |
| Plate bottom | - | Virgin Butadiene/Styrene Block Co-polymer, meets <i>USP, Class VI</i> requirements for plastic containers and closures. |
| Membrane | - | 0.2µm Polyvinylidene Difluoride, hydrophilic |

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 | - | .470 in. | Height without Lid | - | .560 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Volume per Well | - | .40 mL |

Membrane Performance:

Each lot has been tested for well to well consistency using a vacuum uniformity test.

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 modified polystyrene with a PVDF membrane insert to allow filtration.

Performance Testing:

Each manufacturing lot is sampled and tested in accordance with Standard Operating Procedures.

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|--------------------|--|
| Visual Attributes: | Visual and light box examination of the product. |
| Packaging: | Inspection for accurate labeling, and correct product configuration. |
| Functional: | Vacuum Uniformity Test |
| Opacity: | Visual using a fluorescent compound. |
| Integrity: | Pressure Decay Test |

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: 1