

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 3540

Product Description: Corning® 384-well, low volume, non-treated, black plate with clear flat bottom, without lid

Component Materials:

- Plate walls - Virgin 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.

Product Dimensions:

- | | | | | | |
|--------------------------|---|--------------|---------------------------|---|----------|
| Length of Plate | - | 5.030 in. | Diameter of Well @ top | - | .130 in. |
| Width of Plate | - | 3.365 in. | Diameter of Well @ bottom | - | .079 in. |
| Depth of Well | - | .370 in. | Height without Lid | - | .480 in. |
| Tolerances of Dimensions | - | +/- .010 in. | Total well volume | - | 50 µl |

Surface Characterization:

Surface is characterized to be medium binding.

Binding Characteristics:

The product has been tested for the attribute of well to well protein binding utilizing a fluorescent immunoassay to measure precision.

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 allow visual clarity for optical density or bottom read fluorescent / luminescent measurements.

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.

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