

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 3615

Product Description: Corning® Special Optics 96-well, black plate with ultra-thin clear bottom, non-treated, non-sterile, without lid

Component Materials:

- Plate walls - Medium Impact Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures. Black concentrate
- Plate bottom - Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.

Product Dimensions:

Length of Plate	-	5.034 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 without Lid	-	.560 in.
Tolerances of Dimensions	-	+/- .010 in.	Volume per Well	-	.36 mL

Surface Characterization:

Surface is characterized to be medium binding.

Binding Characteristics:

Each lot has been tested for the attribute of well to well protein binding utilizing a fluorescent immunoassay to measure precision. Coefficient of variation must be $\leq 15\%$.

Optical Characteristics:

The product is made of opaque black polystyrene walls to minimize well to well crosstalk and background fluorescence. The bottom is made of clear thin polystyrene to allow visual clarity for optical density or bottom read fluorescent measurements and eliminate polarization.

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.
Functional:	Fluorescent immunoassay

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