

Catalog Number: 3768

Product Description: Corning® 384-well, black with clear bottom plate, low flange, poly-d-lysine coated, with lid

Component Materials:

Plate walls	-	Medium Impact Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. Black concentrate.
Plate bottom	-	Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.
Lid	-	Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.
Poly-D-Lysine	-	Synthetic or manufactured materials.

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well@ Top	-	.143 in.
Width of Plate	-	3.365 in.	Width of Square Well @ Bottom	-	.111 in.
Depth of Well	-	.455 in.	Height with lid	-	.660 in.
Tolerances of Dimensions	-	+/- .010 in.	Working volume per well	-	20 µL to 75 µL

Bioburden - Tested for Bioburden contamination. Contamination of < .52% of the wells is required for acceptance.

Non-Pyrogenic - Tested and met the criteria established in the current version of ANSI/AAMI ST 72, "Bacterial Endotoxins – Test methodologies, routine monitoring, and alternatives to batch testing". The acceptance level for product is ≤ 0.5 EU/mL or ≤ 20 EU/device.

Tissue Culture - Tested for the attribute of cell attachment and growth utilizing an attachment-dependent mammalian cell line. A minimum of 2 times the growth as compared to a non-coated control plate is required for acceptance.

Optical Characteristics - 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 permit direct microscopic viewing.

Poly-D-Lysine - Product is coated with a 70 – 150 KD PDL polymer via a proprietary method, which creates a uniform net positive charge on the plastic surface. Manufactured wholly from synthetic or manufactured materials and does not contain any raw materials produced from or substances derived of animal origin.

Quality Control Testing - Representative production samples are collected and inspected in accordance with current applicable product specifications. Inspection records are reviewed and approved by qualified personnel for product release. Key inspections and inline tests are listed below:

Visual Inspection	-	Pass
Packaging Inspection	-	Pass
Cell Attachment & Growth Treatment Verification	-	Pass

- This product met Corning Incorporated – Life Sciences' high standards of quality at the time of batch/lot release.

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.